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# GREENHOUSE *and* GARDEN PLANTS



1914

AN. PIERSON INC.  
CROMWELL GARDENS  
CROMWELL, CONN.





# ORDER SHEET

**A. N. PIERSON, INC.**

CROMWELL GARDENS

CROMWELL, CONN.

*Ship to* .....  
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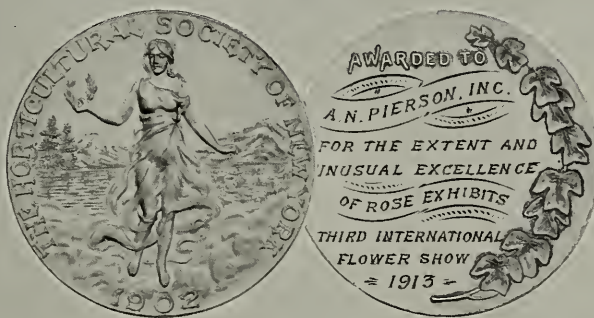
Price

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# GREENHOUSE & GARDEN PLANTS



A. N. PIERSON INC., CROMWELL, CONN.



# FOREWORD



**I**T may be that this is the first catalogue you have ever received from our firm. It may be that you do not know that the business of which this book is an agent was founded in 1871 and has developed from a modest beginning into one of the largest greenhouse concerns in the world. For forty years the product of this establishment has been sold exclusively to florists, but the demand from those who have private greenhouses and from those who merely maintain a flower garden has been great and we have chosen to cater to this demand also. In order to do this in a manner that will be a credit to us we have added to our force of trained men others possessing the knowledge and ability to carry lines of stock not formerly grown and the scope will be widened as rapidly as is consistent with the maintaining of the quality of our output. We do not cater to the trade which prefers to buy cheap, undersized plants, but to those who know and appreciate good plants and their value.

The following simple rules will be of assistance to us and eventually to our customers:

**ORDER EARLY.** It will enable us to better prepare for the Spring trade if we have your order on file.

**CASH WITH ORDER.** Kindly send money sufficient to cover the entire bill. We do not make shipments C. O. D. unless remittance has been made on account to guarantee acceptance.

**REMITTANCES.** Remittances should be made by Post-Office Money Order or by New York drafts. If money is sent, the letter should be registered. All prices quoted in this list are strictly net. All cheques must be payable to A. N. Pierson, Inc.

**CREDIT.** If credit is desired, give references and allow us time to look them up.

**PACKING.** No charge is made for boxes or packing on orders amounting to \$1.00 or more. For all orders under \$1.00 a charge of 15c. will be made for boxes and packing.

**SHIPPING INSTRUCTIONS.** Give your name, post-office, county and State, and the name of your nearest express office to which shipment is to be made.

**EXPRESS COMPANIES.** We have only the Adams Express Company from Cromwell.

**CORRESPONDENCE.** We endeavor to answer all correspondence, but owing to the pressure of business during the Spring we request that questions be clearly and concisely stated.

**ERRORS.** Keep a copy of your order. We aim to have our orders correctly filled. Where we are at fault we shall make satisfactory correction.

**NON-WARRANTY.** We aim to give the best possible service and to ship stock that will be up to our high standard of excellence. We endeavor to keep varieties true to name, but do not guarantee this, nor do we in any way guarantee the success of the grower purchasing the stock in this catalogue.

## Greenhouse Roses



There are less varieties of Roses for the greenhouse than for the garden and this is for the reason that the value of space indoors is such that only the very choice and best can be considered as suitable. These varieties, which are practically all Hybrid Teas, may be divided into two sections or classifications, which are based on the temperature best suited to their respective needs. The class requiring a higher temperature for the Winter months includes some of our very best varieties—My Maryland, Double White Killarney, Mrs. Aaron Ward, Mrs. Charles Russell, Mrs. Taft and Sunburst, all of them fine varieties. A night temperature of 64 degrees from November 1st to April will result in more growth and better flowers. Milady, Hadley, Mrs. George Shawyer, Killarney Brilliant, the other Killarneys, and the Tea varieties, such as Lady Hillingdon, will give satisfaction at a night temperature of from 58 to 60 degrees during the year. As a general rule, the varieties requiring extra heat in Winter produce better flowers than the other varieties during the Summer months.

There are certain things which are considered essential to good Rose growing. Good plants grafted on Manetti produce better flowers and more of them. Use soil that is porous and has a clay body. If it is rough and full of turf, it will produce better plants than fine soil, as the roots are more active. Water in abundance if the soil is porous and the plants are grafted. Steam heat is necessary; the handling of a Rose house with hot water only is usually accompanied by disappointment. Nicotine in some form, preferably Nico-Fume, can be evaporated on steam pipes to kill insects. Evaporate sulphur on the steam pipes to check mildew on its first appearance and on rainy days as a preventive. Use cow manure in abundance. Make the soil one-third manure and top dress the beds freely with it. These are the essentials. If we can help you grow better Roses we are glad to do so.

## The Novelties of 1914

**Killarney Brilliant.** A sport from Killarney, grown in the open ground in England. Killarney was introduced in 1898, and since then there have been so many sports that Killarney has developed into a type rather than a variety. Messrs. Alexander Dickson & Sons, the original introducers, are to be congratulated, sixteen years after the advent of Killarney, in giving us now this distinct novelty, which is undoubtedly the best of all varieties of this type. Killarney Brilliant has the same habit of growth and the same freedom of bloom as its parent, while the flower is twice as large, having 25 to 40 full-sized petals. It will be as useful for Summer blooming as for Winter forcing. The color is a very brilliant pink and varies like Killarney. In bright weather it is almost crimson and in dull weather, when Killarney is so pale, it is as bright as Killarney at its best. The sale of Killarney Brilliant a year before its introduction has been larger than that of any other Rose ever sent out in this country.

### GRAFTED

2½-in.: 75c. ea., \$7.50 per doz., \$40.00 per 100.  
 3-in.: 75c. ea., \$7.50 per doz., \$45.00 per 100.  
 4-in.: \$1.00 ea., \$9.00 per doz., \$50.00 per 100.



Killarney Brilliant





## Hadley

Hadley is a development from a line of seedlings raised by Alex. Montgomery, Jr., the varieties used in this development being Liberty, General MacArthur and Richmond. In color it is deep, velvety crimson, retaining its brilliancy at all seasons of the year. The variety is double and buds are well formed. The fragrance is excelled only by American Beauty. It is a strong, rapid grower and the flowers are borne on long, stiff stems. It has proven itself under thorough trial to be an all-the-year-round forcing variety, and it should prove an excellent bedding variety.

### GRAFTED

2 $\frac{1}{4}$ -inch: 75c. each, \$7.50 per doz., \$40.00 per 100.  
 3-inch: 75c. each, \$7.50 per doz., \$45.00 per 100.  
 4-inch: \$1.00 each, \$9.00 per doz., \$50.00 per 100.

### OWN ROOT

2 $\frac{1}{4}$ -inch: 60c. each, \$6.00 per doz., \$35.00 per 100.  
 3-inch: 75c. each, \$7.50 per doz., \$40.00 per 100.  
 4-inch: \$1.00 each, \$9.00 per doz., \$50.00 per 100.

MESSRS. A. N. PIERSON, CROMWELL, CONN.

West End Park, W. E., Pittsburgh, Pa., Jan. 8, 1914

DEAR SIR:—Please accept my thanks for the splendid exhibit of "Hadley." Richmond must look to her laurels. Oh, the fragrance, and in a H. T.! Everybody exclaimed: "It's as sweet smelling as the old Jack Rose."

The members gave it the Club's highest award, which Mr. Joslin, the Secretary, will mail later.

Sincerely yours,

NEIL McCALLUM

President Pittsburgh Gardeners and Florists' Club.

## Newer Varieties for Greenhouse Use

**Ophelia.** (*Wm. Paul.*) Among the new Roses of the season as grown for greenhouse flowering, Ophelia has merited the praise which the variety has received, and is a welcome addition to the list. It is not a large Rose, but has beautiful form and a color that is very pleasing. It may be described as salmon flesh, shaded with rose. The growth is satisfactory in every respect and the variety is very prolific.

### GRAFTED

2¼-inch: 75c. each, \$7.50 per doz., \$40.00 per 100.

3-inch: 75c. each, \$7.50 per doz., \$45.00 per 100.

4-inch: \$1.00 each, \$9.00 per doz., \$50.00 per 100.

**Prince E. C. de Arenberg.** (*Souper & Notting, 1910.*) In presenting this Rose under greenhouse Roses, we are calling attention to one more Rose of the Hybrid Tea class, which was introduced as a garden Rose and which is making a place for itself under glass. The color is a very clear red, no trace of blue in it, and it is very distinct from the crimson Roses of which Hadley and Milady are the newer examples. The growth is good and the bud is nicely formed, resembling American Beauty. Prince de Arenberg will find many friends as a greenhouse variety.

### GRAFTED

2¼-inch: 75c. each, \$7.50 per doz., \$40.00 per 100.

3-inch: 75c. each, \$7.50 per doz., \$45.00 per 100.

4-inch: \$1.00 each, \$9.00 per doz., \$50.00 per 100.



Prince E. C. de Arenberg



New Rose Ophelia

**Willowmere.** (*Pernet-Ducher.*) We have this variety described under bedding Roses. The introductions of these well-known rosarians are all worthy of a greenhouse trial.

### GRAFTED

2¼-inch: 60c. each, \$6.00 per doz., \$35.00 per 100.

3-inch: 75c. each, \$7.50 per doz., \$40.00 per 100.

**Mme. Edouard Herriot.** (*Pernet-Ducher.*) Also described in the bedding Rose section of this catalogue. We are testing it for greenhouse growing. It is a sensational Rose and one worth trying.

### GRAFTED

2¼-inch: 75c. each, \$7.50 per doz., \$40.00 per 100.

3-inch: 75c. each, \$7.50 per doz., \$45.00 per 100.

4-inch: \$1.00 each, \$9.00 per doz., \$50.00 per 100.



## NEWER VARIETIES FOR GREENHOUSE USE—Continued



Irish Fire Flame

**Old Gold.** (*McGredy & Son.*) Fully described under bedding Roses. This variety, judging from the character of the plants imported and the photographs of the bloom, should be worth a trial as a greenhouse forcing variety.

## GRAFTED

2¼-inch: 75c. each, \$7.50 per doz., \$40.00 per 100.  
 3-inch: 75c. each, \$7.50 per doz., \$45.00 per 100.  
 4-inch: \$1.00 each, \$9.00 per doz., \$50.00 per 100.



Mme. Edmond Rostand

**Sunburst.** In color, orange copper or golden yellow. Very intense shades and brilliant in coloring. It is a strong-growing variety and belongs to the class of big Roses. The foliage and stem are excellent. Owing to the fact that Sunburst has not been a general success grafted, we are offering the variety on its own roots only.

## OWN ROOT

2¼-inch: 20c. each, \$2.00 per doz., \$15.00 per 100.  
 3-inch: 30c. each, \$3.00 per doz., \$20.00 per 100.  
 4-inch: 40c. each, \$4.00 per doz., \$25.00 per 100.



Sunburst

**Mme. Edmond Rostand.** A vigorous-growing variety that comes from Pernet-Ducher, who gave us Mrs. Aaron Ward, Sunburst, and other good Roses. It is salmon and orange in the center, shading to a beautiful flesh pink on the outer petals. The bud is long and beautifully formed, showing a trace of yellow at the base.

## GRAFTED

2¼-inch: 60c. each, \$6.00 per doz., \$35.00 per 100.  
 3-inch: 75c. each, \$7.50 per doz., \$40.00 per 100.  
 4-inch: \$1.00 each, \$9.00 per doz., \$45.00 per 100.

**Irish Fire Flame.** A new departure in Roses for Winter forcing. Irish Fire Flame is a single Rose with only five petals, and is the most striking and the best single Rose Messrs. Dickson & Sons have ever raised. It flowers profusely during the Winter months. The bud is an intense, fiery crimson at the top, shading at the base of the petals to a rich orange salmon. The open flower is bright salmon. It is of strong, vigorous growth, with dark green foliage, reverse of leaf deep bronze.

## GRAFTED

2¼-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 3-inch: 40c. each, \$4.00 per doz., \$27.50 per 100.  
 4-inch: 50c. each, \$5.00 per doz., \$35.00 per 100.

## OWN ROOT

2¼-inch: 25c. each, \$2.25 per doz., \$17.50 per 100.  
 3-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 4-inch: 40c. each, \$4.00 per doz., \$30.00 per 100.  
 3 of a variety at the dozen rate, 25 of a variety at the 100 rate.



## NEWER VARIETIES FOR GREENHOUSE USE—Continued

**Milady.** The habit of growth is strong and sturdy and foliage excellent. The flower is large and double and opens perfectly at all seasons of the year. In color it is similar to Richmond, although richer in color in the bud. In form of flower and fragrance it resembles Gen. Jacqueminot and combines with this, excellent color, strong growth, great productiveness, and wonderful keeping qualities, which strongly recommend the variety as an excellent forcing Rose.

## GRAFTED

2¼-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 3-inch: 40c. each, \$4.00 per doz., \$27.50 per 100.  
 4-inch: 50c. each, \$5.00 per doz., \$35.00 per 100.

## OWN ROOT

2¼-inch: 25c. each, \$2.25 per doz., \$17.50 per 100.  
 3-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 4-inch: 40c. each, \$4.00 per doz., \$30.00 per 100.



Mrs. Chas. Russell

**Mrs. Charles Russell.** A strong-growing Rose. With one pinching makes stems four to five feet in length. The foliage is heavy and leathery, inclined to slightly curl on the older wood; is almost mildew proof. The bud is fully as large as American Beauty, but longer and pointed, and opens into a flower of unusual beauty. The color is a bright rose pink, deeper toward the center. Is a remarkable keeper and shipper.

## GRAFTED

2¼-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 3-inch: 40c. each, \$4.00 per doz., \$27.50 per 100.  
 4-inch: 50c. each, \$5.00 per doz., \$35.00 per 100.

## OWN ROOT

2¼-inch: 25c. each, \$2.25 per doz., \$17.50 per 100.  
 3-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 4-inch: 40c. each, \$4.00 per doz., \$30.00 per 100.



Milady

**Cecile Brunner.** (*Ducher 1881.*) This dainty little Polyantha Rose has been long in securing the recognition which it deserves. The flowers are a bright rose color and produced in great profusion. It has much value for corsage bouquet work and is being sold under the names "Mignon" and "Sweetheart." Although a Polyantha, it is not so hardy as the class of Roses to which it belongs and undoubtedly for this reason has remained for so many years in obscurity. With us it is better grafted than own root, but is a vigorous growing variety either on Manetti or its own roots.

## GRAFTED

2¼-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 3-inch: 40c. each, \$4.00 per doz., \$27.50 per 100.  
 4-inch: 50c. each, \$5.00 per doz., \$35.00 per 100.

## OWN ROOT

2¼-inch: 25c. each, \$2.25 per doz., \$17.50 per 100.  
 3-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 4-inch: 40c. each, \$4.00 per doz., \$30.00 per 100.



Cecile Brunner



## NEWER VARIETIES FOR GREENHOUSE USE—Continued



Mrs. George Shawyer

**Mrs. George Shawyer.** While comparatively new to America, Mrs. Shawyer has been disseminated for some years in Europe, but it is safe to say that it is even more popular here than abroad. It is a brilliant pink in color, with long, pointed buds that are fairly full and which open perfectly at all seasons. The growth is tall, and the stems carry the flowers perfectly. The foliage is good but inclined to be soft when grown with an over-abundance of heat. It is a Rose that, properly handled, will be one of the finest.

## GRAFTED

2¼-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 3-inch: 40c. each, \$4.00 per doz., \$27.50 per 100.  
 4-inch: 50c. each, \$5.00 per doz., \$35.00 per 100.

## OWN ROOT

2¼-inch: 25c. each, \$2.25 per doz., \$17.50 per 100.  
 3-inch: 30c. each, \$3.00 per doz., \$22.50 per 100.  
 4-inch: 40c. each, \$4.00 per doz., \$30.00 per 100.

**American Beauty.** This popular Rose is almost too widely known to need a description. The name would imply that the variety is of American origin, but the fact remains that to France belongs the credit of having produced American Beauty. It properly belongs to the Hybrid Perpetual or Remontant class, and yet differs from others of this class in that as a garden Rose it is an almost universal failure. As a greenhouse Rose, American Beauty has hosts of friends. The flowers are large and full petaled. The deep pink color is wonderfully effective, but for its fragrance alone American Beauty would be a favorite. It likes a deep soil with abundance of room for root action and abundant ventilation. As the variety is considered better on its own roots we do not list it grafted. For certain soils infected with eel worm, grafted plants are better. It does equally well, in our opinion, on Manetti and we will graft Beauty to order, if so desired, at the same price as Kil-larney and other varieties.

## OWN ROOT

2¼-inch: 15c. each, \$1.50 per doz., \$12.00 per 100.  
 3-inch: 20c. each, \$2.25 per doz., \$18.00 per 100.  
 4-inch: 30c. each, \$3.00 per doz., \$25.00 per 100.

**Francis Scott Key.** An American seedling, raised by John Cook, that has attracted a great deal of attention. It is a heavy double Rose of great substance. In color red. It shows good growing characteristics and is undoubtedly a valuable garden variety. It will be given extensive tests as a greenhouse Rose this season. All of Cook's seedlings are worth trying.

## PRICES

## OWN ROOT PLANTS ONLY

2¼-inch: 60c. each, \$6.00 per doz., \$35.00 per 100.  
 3-inch: 75c. each, \$7.50 per doz., \$40.00 per 100.  
 4-inch: \$1.00 each, \$9.00 per doz., \$50.00 per 100.



American Beauty

## General List of Greenhouse Varieties

## PLEASE NOTE

The accompanying illustrations show the difference in strength and character of plants grafted on Manetti and plants on their own roots. These two photographs are of average plants. We advise the planting of 3-inch grafted plants which are a size larger than that shown in this illustration. The 4-inch size means increased express charges and plants which are more liable to suffer breakage in transit. We will grow your Rose stock to order under number to identify your plants. Allow four weeks for the shift from 2¼-inch to 3-inch pots. Allow six weeks from 3-inch pots to 4-inch.

Be sure to specify in ordering whether you wish grafted plants or own root. Advise us as to shifting to larger pots as may be needed to have them right when you receive them. We sell three plants of a variety at the dozen price and twenty-five plants of a variety at the hundred price.

## GRAFTED

2¼-in.: 25c. ea., \$2.25 per doz., \$17.50 per 100.

3-in.: 30c. ea., \$3.00 per doz., \$22.50 per 100.

4-in.: 40c. ea., \$4.00 per doz., \$30.00 per 100.

## OWN ROOT

2¼-in.: 15c. ea., \$1.50 per doz., \$10.00 per 100.

3-in.: 20c. ea., \$2.00 per doz., \$15.00 per 100.

4-in.: 30c. ea., \$3.00 per doz., \$20.00 per 100.



**Bon Silene.** One of the small Roses. Cherry red in color and very fragrant. A profuse bloomer and an old-time favorite.

**Bride.** Pure white in color, but for general growing White Killarney is to be preferred.

**Bridesmaid.** Clear pink and an old favorite, but generally replaced by newer varieties.

**Cardinal.** Light red or deep cerise in color. Very beautiful in all stages of development, but requiring a high temperature for successful culture.

**Double White Killarney.** The Budlong strain of White Killarney; has more petals than the Waban White Killarney and these petals have more substance and are purer white in color. It needs more heat than the Waban strain and is a better Rose when properly grown.



Double White Killarney

**Golden Gate.** Light pink in color. Very strong in growth and exceedingly productive. For years it was widely grown, but is being replaced by newer varieties.

**Ivory.** The cream-white sport of Golden Gate.

**Jonkheer J. L. Mock.** Deep cerise pink in color, producing large flowers. As a Summer Rose it is good; as a Winter Rose it requires extra heat.

**Kaiserin Augusta Victoria.** An old favorite where good white Roses are wanted in Summer. It is not a Winter Rose and if planted should be gotten into the bench early to get the full benefit of the entire growing season. We have an unusually fine lot of grafted plants—as grafted Kaiserin is to be preferred. It is also one of our finest garden varieties. We refer you to page 16 for the 2-year size. ♀



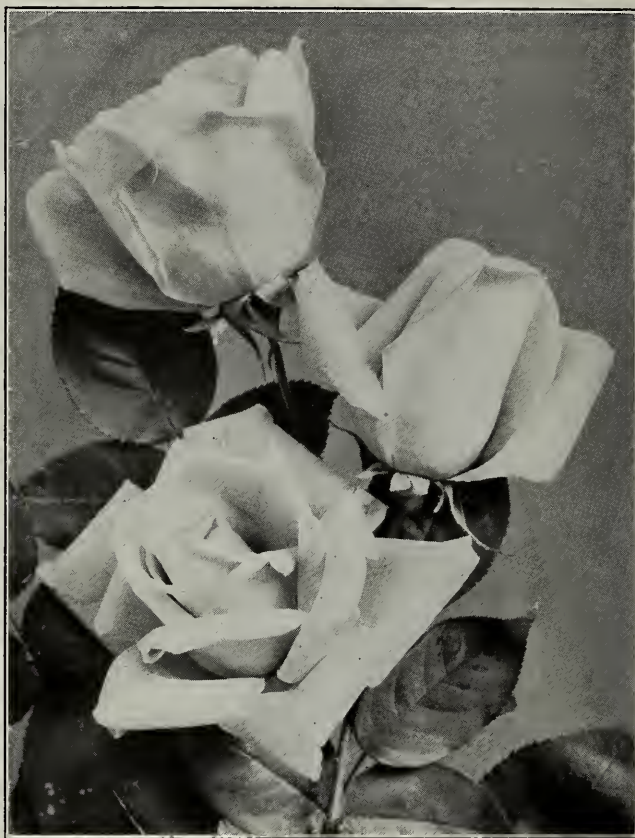
## GENERAL LIST OF GREENHOUSE VARIETIES—Continued

**Killarney.** This beautiful Rose has almost as many friends as American Beauty. It varies in color with weather conditions, but is attractive at all times. Clear, brilliant pink when at its best; a big producer. By sports, Killarney has developed into a race of Roses instead of a variety. The new Rose, Killarney Brilliant, will eventually replace it.

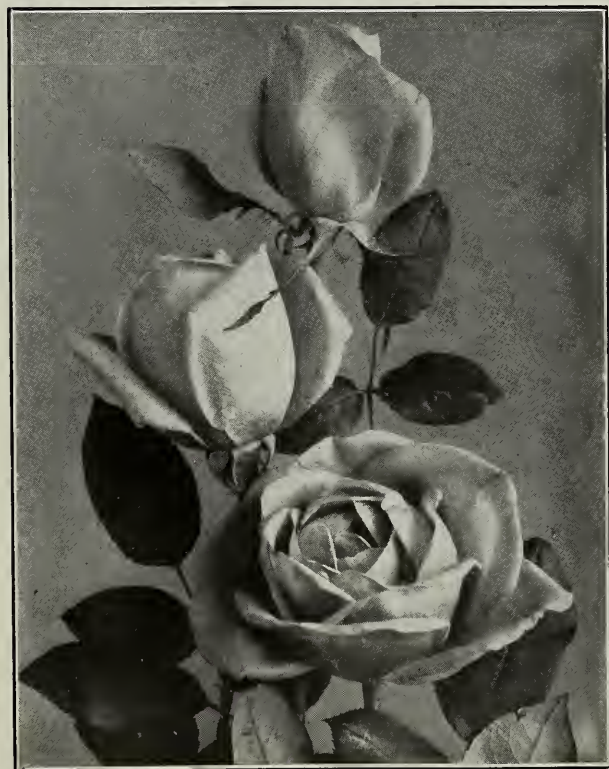
**Killarney Queen.** Those who saw our Rose exhibit at the International Flower Show last April will remember Killarney Queen. Flowers of enormous size were shown on stems from six to seven feet in length, and these were the sensation of the show. This variety can be grown to wonderful perfection. As a general rule it is most beautifully colored, being a deep pink of wonderful brilliancy. The foliage is large and handsome. It is not as heavy a producer as the other Killarneys, and should be planted double, that is, two plants together, to get results from a certain space.

**Lady Hillingdon.** Deep coppery yellow in color and very free flowering. The open bloom is its most attractive stage.

**Mrs. Aaron Ward.** This variety is, in our opinion, the best Rose ever disseminated by Pernet-Ducher, and the naming of this Rose after an American is one of the greatest compliments that could be paid by the famous French rosarian to the Rose lovers in America. Every year since its introduction it has increased in popularity. Its Indian yellow bud, changing with the expanding of the flower, is a great favorite. This deep yellow bud is attractive, but no more so than the open Rose, which in many cases is a shell pink. As a garden Rose and greenhouse Rose, Mrs. Aaron Ward is our best yellow variety.



Killarney



My Maryland

**Mrs. Pierpont Morgan.** This is one of the old-time favorites. Very productive and a strong grower. Shell pink in color.

**Mrs. Taft.** The variety called Mrs. Taft is properly Antoine Rivoire. It is shell pink in color. The flowers are nicely formed and the growth during the warmer weather is very satisfactory. It requires extra heat in the Winter. We have a very attractive sport of this Rose which we are propagating extensively, and which will be offered another season. It is a deep clear pink in color and a valuable improvement.

**My Maryland.** Clear pink in color, with long, pointed buds. One of the finest of the Summer-flowering varieties and wonderfully productive, except in the Winter months.

**Radiance.** Deep cerise pink in color and very productive. A good Rose for general growing and in addition is one of the finest outdoor varieties ever grown.

**Richmond.** Up to the advent of Milady and Hadley, this was the most widely grown crimson Rose. The buds are finely shaped and the growth is excellent.

**White Killarney.** The Waban strain of White Killarney for general purposes is the finest white variety. The growth is stronger than that of Killarney, from which it is a sport. The buds in Summer are apt to come pinkish, but this fault is made up for by the quality of the flowers during the balance of the year.

For prices on the above, see top of page 9



## Notes on Hardy Garden Rose Culture

The classification of the various types of garden Roses occasionally confuses the amateur grower, and a word of explanation may prove helpful in the selection of an assortment of hardy Roses.

The more important classes are the Hybrid Tea, Tea, Hybrid Remontant or Perpetual, Dwarf Polyantha, Climbing Polyantha and Hybrid Wichuraiana Roses.

The Hybrid Tea class is, without question, the most desirable from which to select garden Roses, their free and continuous blooming tendencies making it easily possible, with a careful selection of varieties, to cut flowers from early June until frost.

Tea Roses, with a few exceptions, are of a more delicate nature, and while they are also extremely free flowering, they are not seen at their very best until the cool Autumn evenings. They require a little more care in protecting for Winter, but such varieties as the Pink and the White Maman Cochet, Wm. R. Smith and Lady Hillingdon not only flower profusely through the entire Summer, but are hardy enough to carry through the Winter with the same protection afforded Hybrid Tea Roses.

Hybrid Remontant Roses make a magnificent display during June; certain varieties flower again in a lesser way during Autumn, producing at this time their best flowers on strong stems that are particularly useful for cutting purposes. On account of their hardiness they are not only desirable for the Rose garden, but for grouping on the lawn or in the shrub border.

Dwarf or Bedding Polyanthas, popularly called Baby Ramblers, flower freely during the entire season and are very attractive when massed or used for edging the stronger growing types.

The Climbing Polyantha and Hybrid Wichuraiana sections include practically all of the desirable hardy climbing Roses, such as Crimson Rambler, Sodenia, Excelsa, Dorothy Perkins, etc., and are useful for numerous purposes—covering walls, stumps, arches, or for screening unsightly objects. Christine Wright, Tausendschon, Sodenia or American Pillar are exceedingly effective when grown upright on pillars or spurred cedar posts.

### Preparing the Rose Bed

Roses will give good results in any well-drained, mellow soil, but when planting a new bed it is advisable to prepare it thoroughly. An open location should be selected, although a little shade during the early afternoon or hot part of the day is appreciated by the Tea and Hybrid Tea Roses. The bed should be excavated to a depth of not less than two feet, and refilled with an equal mixture of turfy loam, turf and well-rotted cow manure in

equal parts. A sprinkling of coarse bone meal in addition is recommended. If the bed is located in a poorly drained situation, an additional foot should be taken out and filled in with rubble or small stone.

### Planting

Roses can be planted in Fall or Spring if dormant plants are used, but this is attended with some risk, especially in the hands of an inexperienced planter. Dormant plants, particularly the soft, heavy-wooded, Holland-grown stock, will often go back even with the best of care in planting. Two-year-old budded stock, prepared far in advance by being potted up the previous Fall in roomy pots and carried through the Winter in coldframes, will be equipped with a fibrous, active root system in early Spring, and can be planted any time during the season. The ideal planting time, however, is during the month of May, when the plants will be received full of buds and ready to commence blooming. Any risks usually attending the planting operations have been eliminated in the earlier preparation of the plants. When planting, the ball of earth surrounding the roots should be placed about two and one-half inches below the surface level of the soil, the soil filled in level with the ball and carefully firmed. Water can now be applied and when thoroughly saturated, the remaining soil filled in, firmed, and leveled.

Some planters may prefer Roses grown on their own roots to plants budded or grafted on the hardy Manetti or Brier roots. With the exception of the climbing Roses—and these are seldom budded—the budded or grafted plants are in every way superior. A few of the stronger-growing Hybrid Remontants do fairly well on their own roots, but these are rare exceptions. Many of the most desirable sorts are positively worthless on their own roots, and there are none of the bedding Roses that will not do equally well, if not better, when budded. The advantages of budded plants are many: They produce more and better flowers the first year, as well as succeeding years; are more hardy, longer lived, and less susceptible to disease. If planted as directed, wild suckers will rarely appear from the roots, but these will be readily detected by the many reddish spines, or seven leaves, and should at once be removed.

### Summer Culture

The Rose bed should be cultivated often, every week or ten days until Midsummer, and occasionally from then until frost. A light syringing during the latter part of the day is beneficial, and water should be applied during dry periods.



Variety Aaron Ward  
2-year size. In paper pot ready for shipment



## NOTES ON HARDY GARDEN ROSE CULTURE—Continued

This is best accomplished by drawing the loose surface soil away from the plant, sufficient to form a saucer that will contain a gallon of water. This should be filled two or three times, or until the water will not be immediately absorbed. Liquid manure can be applied on these occasions until the flowers commence to open. The bed should be cultivated after watering, just as soon as the soil can be worked freely.

**Insects**

The most persistent insect pest is the Green Fly, or Aphis. They appear early in the season on the young growths, and as they draw their food from beneath the tender bark, a poisonous spray would be ineffective, and a "contact" spray is necessary. One heaping tablespoonful of soft soap dissolved in three gallons of water, to which is added a tablespoonful of Nicotume, will prove an infallible remedy. Whale Oil Soap is also effective, but it is disagreeable to use.

Caterpillars, worms, or slugs are essentially eating insects and require a poisonous spray. Hellebore, a heaping tablespoonful to two gallons of water, will be found fairly effective when applied with the syringe or spray pump. Arsenate of lead solutions are also effective, but are undesirable, as they discolor the foliage. The simple method of picking off the caterpillars in the early morning and dropping them in a vessel containing a little kerosene is the most expeditious.

**Mildew**

This fungous disease affects some varieties more than others. It will be recognized by a powdery coat appearing on the leaves, generally after the first crop of flowers has been removed and during unfavorable weather. If permitted to establish, it is rather difficult to overcome. A solution of one ounce of potassium sulphate, two heaping tablespoonfuls of soft soap, dissolved in two or two and one-half or three gallons of water, is the most effective remedy. It should first be applied when the flower buds are ready to open and from then on through the season as the mildew appears. Applying sulphur in powdered form is altogether ineffective.

**Winter Protection**

All bedding Roses are greatly benefited by a Winter covering; even the hardiest will, if slightly covered, have greater vitality and respond with a more vigorous growth and freedom of bloom. The best protecting material is soil. It should be drawn up around the plant to



Radiance

a height of nine or twelve inches. After this is thoroughly frozen a generous covering of leaves or litter should be applied, the purpose of which is to keep the frost in the ground, not out. It is the alternate freezing and thawing that Winter kills. If the wood is frozen back to the point of protection no harm will be done, as the plant should be cut back at least to this extent when pruned. Climbing Roses are sufficiently hardy to stand the usual

Winter, but when planted in exposed locations it is safer to bend plant down to ground and cover with soil and litter.

**Pruning**

Too much stress cannot be laid on the necessity of severe pruning. This is the first essential to success in Rose culture and results not only in better flowers, but does much to prolong the life of the plant.

Hybrid Remontants should be pruned as early in Spring as the weather permits—not in Fall. Thin out all weak shoots and side growths, cut back the remaining wood to from two to

eight eyes; in other words, about three-fourths. A few exceptions: Margaret Dickson and Frau Karl Druschki will require lighter pruning, leaving at least one-third of the previous year's growth.

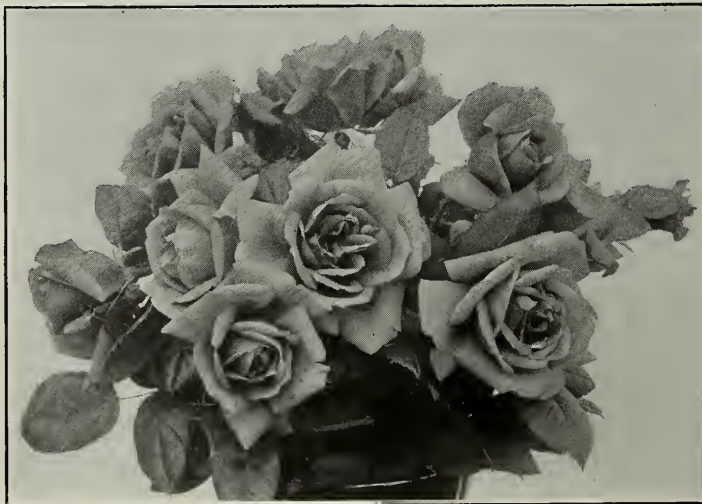
Hybrid Tea and Tea Roses: Strong growing varieties require about the same treatment as the Hybrid Perpetuals. Weak varieties can be cut nearly to the ground and produce excellent flowers in June.

Dwarf or Bedding Polyanthas merely require thinning out the weaker center growths and pruning the tips back lightly.

Climbing Roses should not be pruned back hard. Cut out entirely any wood that is over two years old. The remaining wood will be all good flowering material and should not be pruned back until after flowering, when the removal of the poorer growths will materially help the new growths that flower the following season.

**Dormant Roses**

For the benefit of customers who prefer to plant dormant Roses, or wish to economize on the shipping charges, we have reserved a limited number of each variety, excepting only those listed under "New Roses" and "Roses of Recent Introduction." All dormant Roses are wintered in a cellar neither artificially heated nor cooled, and will be in prime condition for early planting. Orders for dormant plants must be received before April 1st. In order to avoid possible disappointment we urge ordering early in the season.



Mme. Edouard Herriot



## Hardy Everblooming Garden Roses

### Novelties in Hybrid Teas for 1914

**Hadley.** This fine Rose has all the earmarks of an excellent garden Rose. Descending from such famous parents as Liberty, General MacArthur and Richmond, it inherits excellent qualities. Growing in the garden it resembles General MacArthur most closely, which in itself is ample recommendation, but in addition it has a greatly improved color and habit of growth.

2-year size, 5-inch pots: \$2.00 per plant.

Price on smaller sizes, see Greenhouse Roses.

**Mme. Edouard Herriot** (Pernetiana). (*Pernet-Ducher.*) This variety has already become famous as the *Daily Mail* Rose, having won the *Daily Mail* Cup at the International Rose Exhibition in May, 1912, also the Gold Medal at the exhibition of the National Rose Society in 1913. Color coral red, shaded with yellow and bright rosy scarlet, passing to prawn red; bud coral red, shaded with yellow at the base; flower of medium size and not too full, opening a superb coral red in shades of yellow and rose de carthame, passing to shrimp red. The plant is a most vigorous grower, with ample bronzy-green foliage, and of a spready, branching habit.

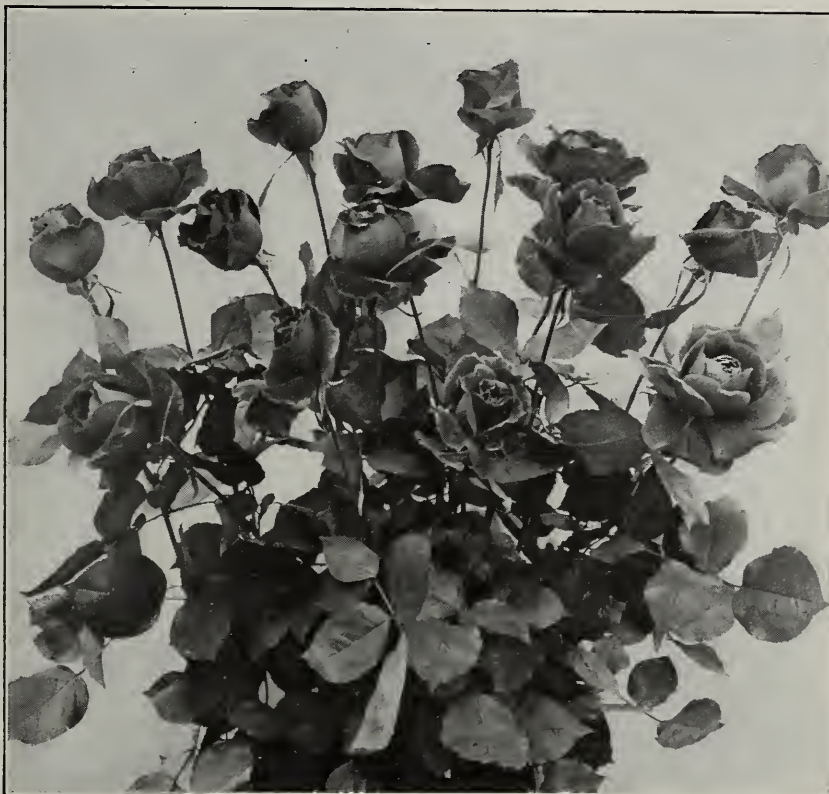
2-year size, 5-inch pots: \$2.00 per plant.

Price on smaller sizes, see Greenhouse Roses.

**Mme. Edmond Rostand** (Hybrid Tea). (*Pernet Ducher.*) An extremely vigorous grower, with deep green, bronzed foliage; fine, long buds, opening to very large flowers with bold outer petals; pale flesh, salmon and reddish orange yellow in the center; quite full and globular.

2-year size, 5-inch pots: \$2.00 per plant.

Price on smaller sizes, see Greenhouse Roses.



Hadley

**Killarney Brilliant.** In addition to being an unusual forcing Rose, this new variety, like all of the Killarneys, is sure to be a valuable acquisition as a garden Rose. While we have not tested it thoroughly in this connection, we feel safe in recommending it as a most promising Rose for garden culture. (See full description page 3.)

For price, see Greenhouse Roses.

**Willowmere** (Pernetiana). (*Pernet-Ducher.*) Color rich shrimp red, shaded yellow in the center, toning to carmine pink toward the edge of petals; bud coral carmine red, carried on a strong peduncle; flower very large, full, and of elongated cup shape. Growth vigorous, erect branching habit with healthy, clear green foliage. An improvement on the popular Lyon Rose.

2-year size, 5-inch pots: \$2.00 per plant.

For price on smaller sizes, see Greenhouse Roses.

**Old Gold** (Hybrid Tea). (*McGredy, Portadown, Ireland.*) "This is undoubtedly the most beautiful decorative Rose in existence, and the most glorious color that has ever been seen in any Rose; the tint is a vivid reddish orange, with rich, coppery red and coppery apricot shadings. A gem for cut flowers and all kinds of decorations, the blooms lasting a long time in perfect condition. Its dark, coppery foliage forms a delightful contrast. It is sweetly scented, continuous flowering, a good grower, and absolutely mildew proof." In presenting this promising new Rose we believe we are offering a sterling novelty that will prove a most valuable addition to our garden Roses.

2-year size, 5-inch pots: \$2.00 per plant.

For prices on smaller sizes, see Greenhouse Roses.



Old Gold



## HARDY EVERBLOOMING GARDEN ROSES—Continued

## Hybrid Teas of Recent Introduction

**Bertha Gaulis.** China Rose, with deeper center; flowers very large, full, and of perfect form. A superb Rose.

4-inch pots: 50c. per plant.

**General Superior Arnold Jansen.** Deep, glowing carmine; large, full, deep flowers; finely formed buds, carried on erect, robust stems; very fragrant. An excellent Rose for bedding and cut flower purposes.

4-inch pots: 50c. per plant.

**Irish Fire Flame (Single).** A remarkably free-flowering and showy variety when used for massing in the garden, and which we believe to be the best of the single-flowering type. (Fully described on page 6.)

2-year size, 5-inch pots: \$1.00 per plant.

For price on smaller sizes, see Greenhouse Roses.

**Lady Cromwell.** A fine cream-colored sport of My Maryland, originating with us and which, after testing thoroughly, proves a bedding Rose of many excellent qualities. The flower is large and full, of My Maryland form, but distinct in color, and more prolific; growth vigorous, branching erectly, every growth producing a flower. A grand garden Rose.

2-year size, 5-inch pots: \$1.00 per plant.

1-year size, 4-inch pots: 75c. per plant.

**Lady Downe.** Buff, shading to deep yellow, changing to a pale yellow; large flowers carried on vigorous growths. A good garden and decorative variety. 4-inch pots: 50c. per plant.

**Luise Lilia.** In this new Rose we find by far the deepest color and the most delicate but pungent fragrance of any Rose yet introduced; the color is deep blood red, nearly black, and the fragrance the sweetest and the most alluring imaginable—so much so that it would tempt the rosarian to grow it for this one quality alone. In formation the bud is perfect, but opens semi-double and should be cut in the bud. A good decorative Rose.

2-year size, 5-inch pots: \$2.00 per plant.

1-year size, 4-inch pots: \$1.00 per plant.

**Mrs. Charles Lutaud.** Chrome-yellow center, slightly tinted rosy scarlet on the outer petals. Long, pointed flowers carried on stiff, erect stems; very large, full and globular. An improved Marquise de Sinety, from which it is easily distinguished by its deeper coloring and more vigorous growth. A fine exhibition Rose.

1-year size, 4-inch pots: \$1.00 per plant.



Robin Hood

we recommend most highly. 4-inch pots: \$1.00 per plant.

**Ophelia.** (Wm. Paul.) Salmon flesh, shaded with rose. Fully described on page 5. 4-inch pots: \$1.00 per plant.

**Prince Englebart Charles de Arenberg.** (Souper & Notting 1910.) Color brilliant scarlet. Fully described on page 5. 4-inch pots: \$1.00 per plant.

**Robin Hood.** This new American introduction is a Rose that is constitutionally adapted to our hot Summer conditions, a regular hot-weather variety. In growth it is unusually vigorous and robust, sending up great, heavy canes continually, every one of which carries a flower. The foliage is heavy and of a leathery texture that is entirely impervious to mildew. The color is a delightful soft, rosy scarlet, which improves as the season advances, assuming bright scarlet-crimson hues during Autumn; blooms lasting and of good build.

2-year size, 5-inch pots: \$1.00 per plant.

1-year size, 4-inch pots: 50c. per plant.

**Senateur Mascurand.** Amber yellow, with yolk of egg center, toning to light sulphur yellow; large, full and globular in form. 4-inch pots: 50c. each.

**Sunburst.** Grown in the garden this variety is not very free in flowering, but the blooms, particularly during the Autumn, are of excellent color, being suffused orange copper and golden yellow; vigorous, and a fine exhibition Rose. (Fully described on page 6.)

2-year size, 5-inch pots: 75c. per plant.

For price on smaller sizes, see Greenhouse Roses.



Mrs. Charles Lutaud



HARDY EVERBLOOMING GARDEN ROSES—Continued

## Hybrid Tea Roses—General List

Strong, 2-year size, 5-in. pots: 50c. per plant, \$5.00 per doz. of one variety

**Antoine Rivoire.** An ideal Rose of large size and exquisite form; the color is a soft, rosy flesh on a yellow ground, shaded with a border of carmine. This Rose is better known under the name of Mrs. Taft; it is extensively grown for cut flowers, which are sold under this name. As a garden Rose it is a variety of exceptional merit in our climate, being perfectly hardy and immune from disease, and one that will flower continually. The flowers are carried on erect, vigorous stems and are therefore particularly desirable for cut flower purposes. An enthusiastic rosarian of keen discrimination, while inspecting our field of some 24,000 plants last Autumn, remarked: "If I had to devote my entire Rose garden to a single variety, that variety would be Antoine Rivoire."

**Bessie Brown.** Creamy-white flowers of immense size; good substance; very fragrant. A strong, vigorous grower; particularly good in Autumn.

**Betty.** Coppery yellow, overspread with golden rose; long, pointed bud and large, fairly full flower. When established this is a strong-growing and an unusually prolific variety.

**Cardinal.** Rich cardinal red; large, full, and very free. A garden Rose of excellent habit.

**Caroline Testout.** Satiny rose, with brighter center; large, full, fragrant and very free. We believe this is one of the finest Roses in cultivation and recommend it without hesitation as a garden Rose of unusual excellence.



Caroline Testout



Antoine Rivoire

**Dean Hole.** Silvery carmine, shaded salmon; large, full flowers of fine form. A garden Rose of great merit.

**Dorothy Page Roberts.** Coppery pink, suffused apricot yellow. A unique, large-petaled Rose of indescribable shadings; a garden variety of great merit.

**Earl of Warwick.** Rich, soft, salmony pink, shaded in the center with vermilion. A showy and magnificent variety, doing well under adverse climatic conditions.

**Ecarlate.** Brilliant scarlet; very floriferous; medium size; good bedder.

**Etoile de France (Star of France).** Deep velvety crimson; large petals of unusual substance; fragrant and of good form.

**General MacArthur.** Large, bright crimson flowers; very fragrant. One of our best red bedding Roses.

**Gruss an Teplitz.** Bright scarlet crimson, with vivid, fiery red center; quite hardy and extremely free flowering. This variety is essentially a garden Rose and we recommend it with the utmost confidence.

**Jonkheer J. L. Mock.** Carmine, changing to imperial pink, with a silvery rose-white reflex. The flowers are produced with the greatest freedom on strong, erect stems and the general growth is erect and vigorous. Very fragrant. This Rose has been awarded two gold and one silver medals.



## HARDY EVERBLOOMING GARDEN ROSES—Continued

**Kaiserin Augusta Victoria.** Soft, pearly white, shading to creamy yellow. Very double and sweetly fragrant. The formation of the flower is exquisite; growth erect and strong. A distinct and beautiful Rose, possessing many sterling qualities. Highly recommended.

**Killarney.** Perhaps the most widely known and popular Rose in existence. Color bright, sparkling pink, shading to white; long, pointed buds, opening into a large, well-formed flower; very fragrant, hardy, and extremely free flowering. A most desirable garden Rose.

**Killarney Queen.** A bright cerise pink sport of the famous Killarney, but stronger in growth and much brighter in color; foliage more robust and of a deep, healthy hue. A decided improvement as a garden variety.



Laurent Carle

**Konigin Carola.** An enormous but well-formed flower in the way of Caroline Testout. Color satiny rose, reverse of petals silvery white. A free-flowering Rose of excellent habit.

**Lady Alice Stanley.** Deep, clear rose color; inside of the bloom pale flesh. A very attractive Rose. The blooms are large, of great substance, and are produced freely. The Rose is exceptionally hardy.

**Laurent Carle.** Brilliant, velvety carmine; very large and perfect in form; growth vigorous and very hardy. A sterling bedding variety under all climatic conditions.

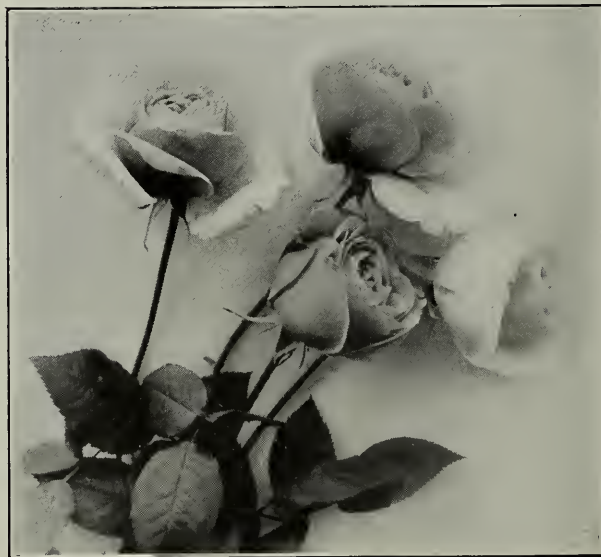
**Miss Cynthia Forde.** Deep, brilliant rose; back of petals shaded light rosy pink. Flowers of perfect form and are freely produced. A fragrant, delightful variety.



Kaiserin Augusta Victoria

**Mme. Jennie Guillemot.** A soft, delicate shade of yellow. Has long buds, developing into large flowers of good substance. A very attractive Rose and a most excellent bedding variety.

**Mme. Jules Grolez.** Beautiful satiny China rose, shaded yellow at the base of petals; long, pointed buds, opening to large, well-formed flowers; remarkably free. One of the very best bedding Roses.



Lady Alice Stanley

## HARDY EVERBLOOMING GARDEN ROSES—Continued



Mme. Leon Paine

**Mme. Leon Paine.** Silvery salmon, center yellow and orange, back of petals salmon pink. An entirely distinct and beautiful combination of colors. Flowers large, full, and well formed. A grand addition to the garden Roses.

**Mme. Melanie Soupert.** A soft blending of salmon yellow, suffused pink and carmine, petals almost transparent. Beautiful in bud; free and vigorous. A superb Rose in every respect.

**Mme. P. Euler.** Vermilion silvery pink in color. Perfect in form; large, full and very fragrant. This Rose is being sold on the Pacific Coast under the name Prima Donna.



Mme. P. Euler

**Mme. Philippe Rivoire.** Apricot yellow, with lighter center; large, full, well-formed flowers; very free.

**Mme. Ravary.** Very distinct in color, which is deep yellow, shading lighter as the flower opens.

**M. Paul Ledé.** Cinnamon pink, changing to a lighter center. Very free.

**Mrs. Aaron Ward.** Indian yellow, washed salmon gold, shading to soft pink as the flower opens. This variety is quite hardy, very free flowering, and one that we have no hesitation in recommending as a garden Rose of the greatest merit.

**Mrs. A. R. Waddell.** An attractive rosy salmon in the bud and reverse of petals, opening suffused golden yellow. A very lovely combination of colors; fine for bedding.

**Mrs. Wakefield Christie-Miller.** Soft, pearly blush, shaded salmon; the outside of the petals clear vermilion-rose color. A remarkable color combination. Flowers resemble the Hybrid Perpetual form.



Miss Cynthia Forde—See page 16

**My Maryland.** One of the finest American Roses. Very free blooming, every shoot bearing one or more flowers. It is very double, perfect in form, and bright, clear pink in color.

**Radiance.** Another American Rose of exceptional merit. Deep cerise pink in color; cup-shaped in form; exceptionally strong growth and quite hardy. One of our best pink bedding Roses.

**Rhea Reid.** Vigorous in growth, with heavy, double flowers. Color cherry crimson, strongly resembling General Mac-Arthur. An excellent Rose for bedding and cut flowers.

**Viscountess Folkestone.** Creamy pink, center deep salmon pink; very free. A grand bedding Rose.

**White Killarney.** A pure white sport of Killarney, showing a slight trace of pink during the hot Midsummer days. Strong in growth, free flowering, and very fragrant.

Refer to page 15 for prices



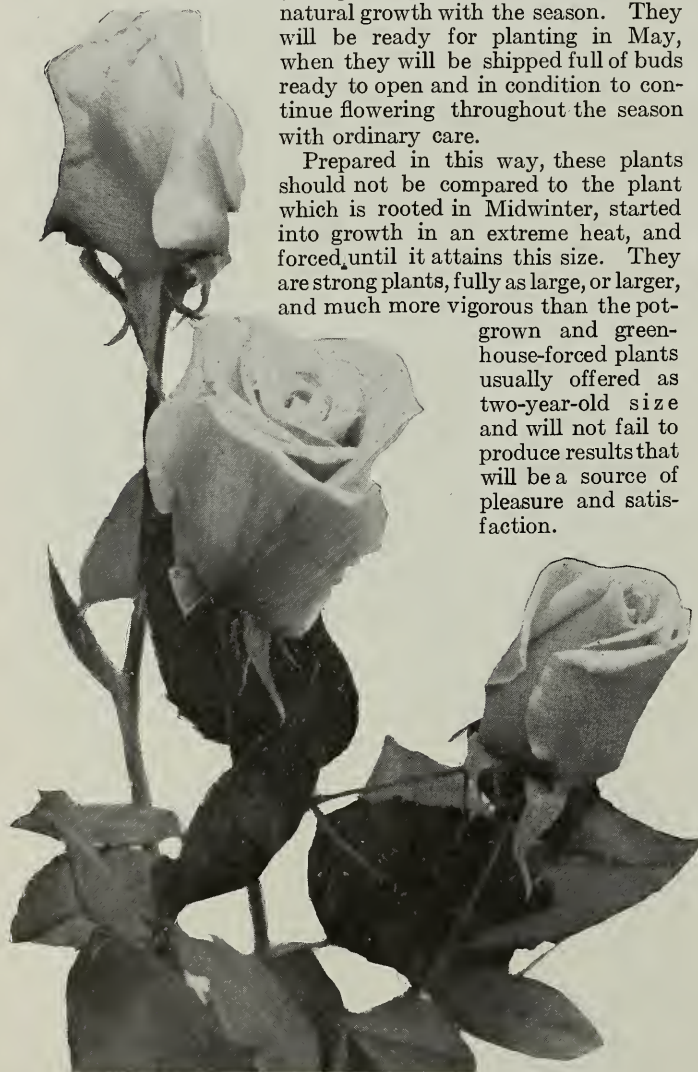
## HARDY EVERBLOOMING GARDEN ROSES—Continued

## Of Interest To The Beginner

Are you one of the many who are fond of Roses and would like to take up their culture? Perhaps, through lack of opportunity or time, you have had little or no experience in growing Roses and do not care to go to the expense of planting a bed of the large two-year plants.

Realizing that the only way to "get acquainted" with this delightful hobby is by actual experience, we are making a special offer that is worthy of your careful consideration. Last Summer these plants were grown in pots in open frames and in early Fall potted into large four-inch pots, giving the roots ample room to continue their growth until Winter. The frames during Winter are not artificially heated, merely covered enough to protect the plants from extreme zero weather, so that they go through the Winter in a dormant, and, of course, most natural way. In early Spring as soon as conditions permit, the frames will be completely uncovered, and the sash removed, the plants pruned, and started into a natural growth with the season. They will be ready for planting in May, when they will be shipped full of buds ready to open and in condition to continue flowering throughout the season with ordinary care.

Prepared in this way, these plants should not be compared to the plant which is rooted in Midwinter, started into growth in an extreme heat, and forced until it attains this size. They are strong plants, fully as large, or larger, and much more vigorous than the pot-grown and greenhouse-forced plants usually offered as two-year-old size and will not fail to produce results that will be a source of pleasure and satisfaction.



Mrs. Aaron Ward



Rhea Reid

## A Combination for the Beginner

We offer you your choice of two yellow Roses—either Mrs. Aaron Ward or Lady Hillingdon; the White Killarney, as one of the very best Roses in its color; Antoine Rivoire, the finest of the intermediate or blended colors, and two of the best pink Roses—Killarney and My Maryland. Each is described fully elsewhere in the catalogue.

|                      |                   |
|----------------------|-------------------|
| 5 My Maryland        | 5 White Killarney |
| 5 Lady Hillingdon or | 5 Pink Killarney  |
| Mrs. Aaron Ward      | 5 Antoine Rivoire |

The complete set of 25 plants from 4-inch pots for \$5.00.  
Refer to this special offer in ordering.

## A Planting Hint

The neatest, most accessible and best appearing Rose bed is the rectangular form. To accommodate the plants in the above offer we would suggest as follows: Mark out a bed 11 ft. 9 in. x 4 ft. 6 in. Arrange the plants in three rows, the outer rows 9 in. from the border, the third row coming in the exact center. Space the plants 18 in. apart, the end plants 9 in. from the edge. This will require twenty-four plants; the remaining plant may be required in case of accident.

## SPECIAL OFFER OF DORMANT ROSES

For delivery until April 1st.

12 Select Hybrid Teas. One plant each of:

|                           |                  |
|---------------------------|------------------|
| Antoine Rivoire           | My Maryland      |
| Caroline Testout          | Gruss an Teplitz |
| Kaiserin Augusta Victoria | Radiance         |
| Jonkheer J. L. Mock       | Lady Pirrie      |
| Killarney                 | Rhea Reid        |
| Mrs. Aaron Ward           | White Killarney  |

(Described elsewhere)

Strong, 2-year dormant plants \$4.00.



## HARDY EVERBLOOMING GARDEN ROSES—Continued

## Tea Roses

**Bon Silene.** Bright carmine rose; very fragrant and sweet; very beautiful in the bud. A fine old favorite.

4-inch pots: 40c. per plant, \$4.00 per doz.

**Golden Gate.** Rich, creamy white, center and base of petals soft yellow, occasionally tinted rose. Very fragrant and free. Requires careful protection.

4-inch pots: 40c. per plant, \$4.00 per doz.

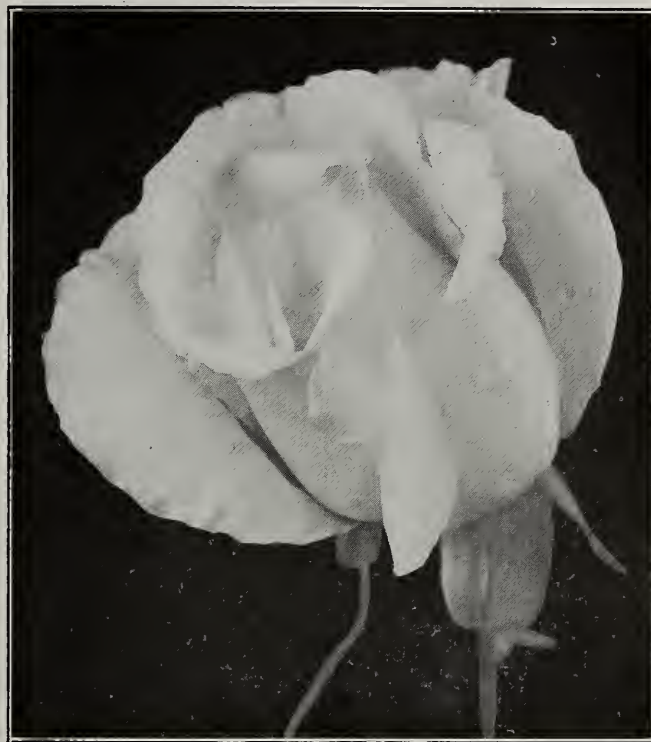
**Harry Kirk.** Bright primrose, amber yellow, passing to a lighter shade at the edges of the petals; very fragrant. A vigorous, free-branching Rose of excellent habit. One of the best Tea Roses.

4-inch pots: 40c. per plant, \$4.00 per doz.

**Lady Hillingdon.** Deep golden yellow in color; the finest and most highly colored of all the yellow Roses. The growth, though not robust, is remarkably vigorous and of the desirable branching habit. The deep apricot buds are long and pointed, and most dainty when cut before the flower opens fully; the flower, when open, is not too full, and is very beautiful. We recommended this Rose very highly to patrons last season, and it has given such excellent results that we have had numerous repeat orders as early as Autumn for delivery then and in the Spring. Again we urge our patrons to plant this variety where a yellow Rose is desired. Hardy if well protected.

2-year plants, extra strong, 5-inch pots: 75c. per plant, \$9.00 per doz.

2-year plants, 5-inch pots: 50c. per plant, \$5.00 per doz.



White Maman Cochet



Wm. R. Smith

**Maman Cochet.** Beautiful rose pink, outer petals splashed bright rose; extra strong in growth, flowering in the greatest profusion; very double and equally fine in the bud or open flower. This variety is generally known as 'Pink Maman Cochet and is one of the most reliable bedding Roses.

Strong, 2-year plants: 40c. per plant, \$4.00 per doz.

**Perle des Jardins.** A large Rose of excellent form and fragrance. Deep golden yellow. Somewhat delicate in constitution.

4-inch pots: 40c. per plant, \$4.00 per doz.

**Sunrise.** Color, outer petals reddish carmine, shading to delicate fawn and pale salmon. A distinct and free-flowering variety.

4-inch pots: 40c. per plant, \$4.00 per doz.

**White Maman Cochet.** A pure white sport of Maman Cochet that is a counterpart of its parent, except in color. It is highly recommended as one of our best white garden Roses.

Strong, 2-year plants: 40c. per plant, \$4.00 per doz.

**Wm. R. Smith.** One of the finest garden Roses of American origin. Color creamy white, flushed and suffused with bright, rosy pink; somewhat similar to Maman Cochet, but distinct in point of growth and habit. This Rose is sometimes offered under the synonyms, Maiden's Blush, Charles Dingee and Jeanette Heller. A fine, free, garden Rose.

Strong, 2-year plants: 50c. per plant, \$5.00 per doz.



## HARDY EVERBLOOMING GARDEN ROSES—Continued

## Roses of Other Types

Heavy, 2-year plants, 5-inch pots: 50c. per plant,  
\$5.00 per doz. of one variety.

**Clothilde Soupert** (Tea Polyantha). This variety, which has been a favorite for many years, is still deserving a place in the garden. It is a wonderful producer and is in bloom continuously. It is hardy enough to withstand the New England Winters. The outer petals are pure white, shading to a delicate pink at the center. We have a very fine stock of this old favorite.

**Hermosa** (China). An old garden favorite. Large flowers, very double and fragrant, bright rose color. A constant bloomer.

**Soleil d'Or** (Pernetiana). Color orange yellow, varying to reddish gold, shaded nasturtium red. A striking combination of colors. Buds conical in shape, opening to large, full flowers. A distinct and perfectly hardy Rose. Should be pruned very lightly.

## Moss Roses

Heavy, 2-year plants, 5-inch pots: 50c. per plant,  
\$5.00 per doz. of one variety.

Roses that are very attractive in the border or shrubbery planting. The buds are surrounded by a mossy covering that makes the flower attractive and unique. The addition of a few Moss Roses adds variety to the collection.

**Blanche Moreau**. Pure white; large, full and very fragrant.

**Crested Moss**. Pink in color. Very distinct.

**Red Moss**. The best of the type. Very hardy and vigorous



Rosa rugosa



Moss Roses

## Lord Penzance Hybrid Sweet Briers

Heavy, 2-year plants: 40c. per plant.

The wild Sweet Brier fragrance is undoubtedly the sweetest perfume found in nature. These hybrid varieties possess the same sweet fragrance and in addition have a wide range of delicate color. Prune very lightly.

**Brenda**. Peach-blossom pink, with bright yellow anthers. Very free and fragrant.

**Lady Penzance**. Beautiful soft copper tint, with bright metallic luster, yellow at base of petals. Very fragrant and beautiful.

**Lord Penzance**. Soft shade of fawn or ecru, tinted yellow and pink; very free and sweetly scented.

**Meg. Merrilies**. Very free flowering and robust. Color a gorgeous crimson. One of the best and most showy.

## Rosa Rugosa

Heavy, 2-year plants, 5-inch pots: 40c. per plant,  
\$4.00 per doz.

These exceedingly hardy Roses are natives of Japan and thrive in almost any soil or situation. They are used extensively for hedging, massing among shrubbery, and seashore planting. The flowers are mostly single and keep opening until frost, when the bright red seed pods keep the plantings attractive through the Winter. Prune closely the first season only; subsequent prunings merely remove dead wood.

**Rugosa alba**. Pure white; single.

**Rugosa pink**. A bright, rosy pink form of alba.



## HARDY EVERBLOOMING GARDEN ROSES—Continued

## Hybrid Remontant, or Perpetual Roses

Heavy, 2-year size, 5-inch pots: 50c. per plant, \$5.00 per doz. of one variety.

**Alfred Colomb.** Bright cherry red, shaded with crimson; of fine globular form and very sweet.

**American Beauty.** We cannot recommend this fine greenhouse Rose for garden planting. It is frequently ordered for this purpose, but as a garden Rose it is invariably a disappointment; therefore, we catalog it only among the forcing Roses.

**Anne de Diesbach.** Clear, bright carmine rose; fragrant, free and continuous. An exceptionally large and finely-shaped flower.

**Baron de Bonstetten** (Syn. Monsieur Boncenne). Velvety blackish crimson; large and full.

**Baroness Rothschild.** Pale flesh; very large, full, superb in form. A chaste and beautiful Rose.

**Captain Hayward.** Bright carmine crimson; large-petaled flowers opening well; fragrant and free. A fine garden Rose.

**Clio.** Very delicate flesh color, center shaded pale pink; large, full and globular. A fine garden variety, resembling Margaret Dickson in growth, but more free and certain in flowering.

**Fisher Holmes.** Rich crimson, shaded scarlet; large, full and of good form. Very free and showy.

**Frau Karl Druschki.** Pure white in color, perfect in form and very free flowering. The best white variety.



Frau Karl Druschki



Paul Neyron

**General Jacqueminot.** This magnificent variety, known for over half a century as the Jack Rose, is still one of the best and most popular of the bedding Roses and entirely too well known to require description. Flaming scarlet crimson.

**Gloire de Chedane Guinoisseau.** Brilliant vermilion red, shaded velvety red; large, full, and perfectly formed. A fine new Rose.

**Mme. Gabriel Luizet.** Large, full flowers, cup shaped in form. Pale, clear pink in color; very fragrant.

**Magna Charta.** Bright pink, suffused with carmine; vigorous in growth and very hardy. A beautiful and well-known variety.

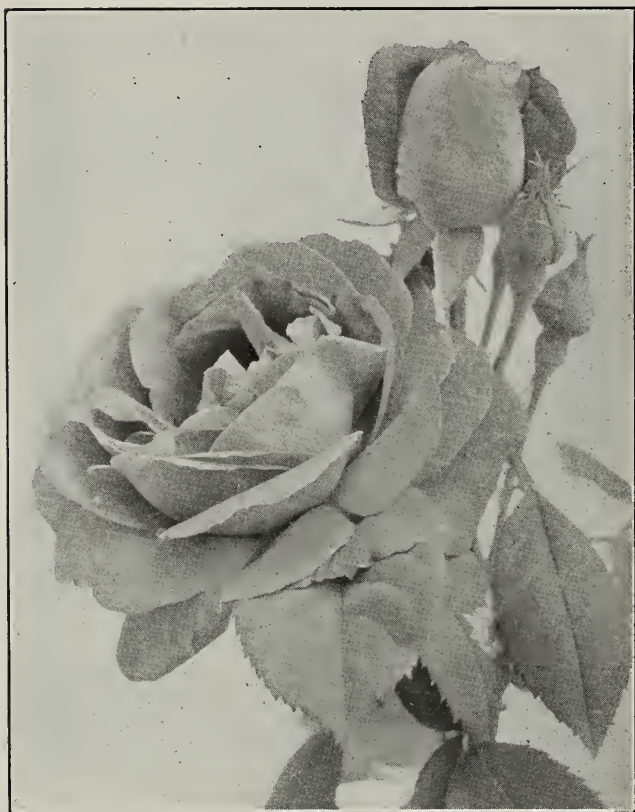
**Mrs. John Laing.** Well-formed flowers, soft pink in color; long-stemmed flowers produced freely throughout the season. One of the best bedding Roses.

**Mrs. R. G. Sharman Crawford.** Clear rosy pink, outer petals shading to pale flesh; full and perfectly formed; free and continuous. A grand Rose.

**Paul Neyron.** An enormous flower, frequently measuring six inches; although the petals are large and flaky, the flower is not coarse. The color is a bright, shining pink, and very attractive. A grand garden Rose of excellent habit; vigorous, smooth growths, nearly thornless; free and quite hardy.



## HARDY EVERBLOOMING GARDEN ROSES—Continued



Ulrich Brunner

**Prince Camille de Rohan.** Deep, velvety crimson maroon; flowers of good size. The most popular dark variety.

**Suzanne Marie Rodocanachi.** Beautiful, rich, transparent rose pink; large, full and of fine form; free and constant. A fine distinct Rose.

**Ulrich Brunner.** Bright cherry red; very large, full, fragrant and of excellent form. Growth vigorous and disease-resisting. A magnificent free-flowering Rose. One of the best.

## SPECIAL OFFER OF DORMANT ROSES

12 Best Hybrid Remontant Roses: 1 plant each of

|                     |                             |
|---------------------|-----------------------------|
| Alfred Colomb       | Frau Karl Druschki          |
| Anne de Diesbach    | General Jacqueminot         |
| Baroness Rothschild | Mrs. John Laing             |
| Captain Hayward     | Mrs. R. G. Sharman Crawford |
| Clio                | Paul Neyron                 |
| Baron de Bonstetten | Ulrich Brunner              |

(Described elsewhere)

12 strong, 2-year dormant plants: \$4.00.

Delivery before April 1st.

## TREE-SHAPED, or STANDARD ROSES

Roses grown on stems  $3\frac{1}{2}$  to  $4\frac{1}{2}$  feet in height, where they branch into shapely heads. They are effectively used in carrying out formal effects or as specimen plants in the Rose beds. We offer the following six choice varieties, which are particularly adapted to this method of training and which we are sure will prove most satisfactory:

|                     |                    |
|---------------------|--------------------|
| Caroline Testout    | Mme. Jules Grolez  |
| General Jacqueminot | Ulrich Brunner     |
| Gruss an Teplitz    | Frau Karl Druschki |

(Fully described elsewhere)

From large pots, \$1.25 per plant.



D.M.C.



## HARDY EVERBLOOMING GARDEN ROSES—Continued

## Polyantha Roses, or Baby Ramblers

A type of Rose deservedly popular. They make compact plants which carry a profusion of bloom and as the range of colors is wide, they add a wealth of color to the Rose garden. These varieties are always in bloom from Spring until frost, and are absolutely hardy.

**Annchen Muller.** Brilliant rose-pink flowers in large clusters.

5-inch pots: 40c. per plant, \$4.00 per doz.

**Bordure.** (*Barbier.*) Very dwarf plant attaining a height of no more than one foot, with thick-set growth, being covered all over the season with a multitude of flowers completely overspreading the foliage. Flowers one to two inches wide; double, perfectly formed; pure carmine; buds bright carmine. The flowers do not fade in hot sun, and on the corymbs of 25 to 50 flowers there is no difference of tint between the old flowers and the newly open. Splendid plant for border and pot growing.

Heavy, 2-year plants, from  
5-inch pots: 75c. per plant, \$9.00 per doz.

**Ellen Poulsen.** Dark, brilliant rosy pink in color. Very floriferous and of vigorous growth. The foliage is dark green and does not mildew. Larger and brighter than Mrs. Cutbush.

5-inch pots: 75c. per plant, \$9.00 per doz.

**Erna Teschendorf.** Bright carmine in color and very free flowering. It is the brightest and one of the best of this type.

5-inch pots: 75c. per plant, \$9.00 per doz.

**Jessie.** Bright cherry red in color, with a white eye at the center.

5-inch pots: 40c. per plant, \$4.00 per doz.

**Katherine Zeimet.** The white Baby Rambler.

5-inch pots: 40c. per plant, \$4.00 per doz.

**Mme. Jules Gouchault.** (*Turbat.*) Superb variety; wood and foliage clear green, producing long, erect panicles of 25 to 50 perfectly formed flowers of long-keeping qualities. Buds are bright vermilion red, shaded clear orange red. Open flowers are of the same tint, passing afterward to bright, fiery rose. Will be invaluable for bedding, potting and forcing purposes.

2½-inch: 60c. each, \$6.00 per doz., \$40.00 per 100.

3-inch: 75c. each, \$7.50 per doz., \$45.00 per 100.

4-inch: \$1.00 each, \$9.00 per doz., \$50.00 per 100.

**Mme. Norbert Levavasseur.** The original Baby Rambler and the best known of the type.

5-inch pots: 40c. per plant, \$4.00 per doz.

**Marie Pavic.** An exquisite little Rose and one of the best in this class. Color white, with flushed rose center; of excellent habit, flowering continuously. Always in bloom.

4-inch pots: 50c. per plant, \$5.00 per doz.

**Mrs. Louise Welter** (*Baby Tausendschon*). A charming Rose that is similar to Tausendschon in flower, with the habit of the Polyantha varieties. It is a perpetual bloomer and a valuable acquisition to any Rose garden.

Plants from 3-inch pots: 25c. per plant, \$2.50 per doz., \$15.00 per 100.

**Mrs. Wm. Cutbush.** A beautiful shade of pink in color and a very profuse bloomer.

5-inch pots: 40c. per plant, \$4.00 per doz.

**Orleans.** Brilliant cerise in color, with white eye at center. A very fine variety.

5-inch pots: 40c. per plant, \$4.00 per doz.

**Triomphe Orleanais.** Vigorous shrub; foliage of a glistening green; erect branches. Flowers large, in corymbs, of a splendid bright, deep cherry red, color keeping constantly without turning to violet. Good improvement in point of color on the popular variety of Mme. N. Levavasseur—an improvement obtained by seedling, not by sport.

2½-inch: 25c. each, \$2.50 per doz., \$15.00 per 100.

3-inch: 35c. each, \$4.00 per doz., \$25.00 per 100.

5-inch: 75c. each, \$7.50 per doz.

## Hobbies' Seedlings

**Baby Elegance.** A new single variety which will be very useful for edging. The flowers are salmon in color and very striking. This variety is very floriferous.

**Bonnie Belle.** A charming coppery yellow kind which has attracted a great deal of attention.

**Meadow Sweet.** This is truly a sweet variety; it is semi-double, salmon pink, with brightest orange anthers. Most effective and pleasing.

2½-inch pots: 25c. each, \$2.50 per doz. of one variety, \$15.00 per 100.

3-inch pots: 35c. each, \$4.00 per doz. of one variety, \$25.00 per 100.

## Prices for Smaller Sizes

**Annchen Muller**

**Jessie**

**Katherine Zeimet**

**Mrs. Louise Welter**

**Mrs. Wm. Cutbush**

**Mme. Norbert Levavasseur**

2½-inch: 15c. each, \$1.50 per doz. of one variety, \$10.00 per 100.

3-inch: 25c. each, \$2.50 per doz. of one variety, \$15.00 per 100.

**Bordure**

**Ellen Poulsen**

**Erna Teschendorf**

**Marie Pavic**

2½-inch: 25c. each, \$2.50 per doz. of one variety, \$15.00 per 100.

3-inch: 35c. each, \$4.00 per doz. of one variety, \$25.00 per 100.





## HARDY EVERBLOOMING GARDEN ROSES—Continued



## Hardy Climbing and Rambler Roses

Suitable for training over arbors, porches, fences, or other objects. They all bloom profusely and are hardy under almost any conditions. The addition of the single varieties to your Rose garden will add much to its attractiveness.



Lady Gay

**American Pillar.** A single-flowered variety, bearing pink flowers in heavy trusses. It retains its foliage until late in the Fall and is very ornamental. We can supply larger specimens than the regular grade at \$1.00 each.

From 5-inch pots: 50c. per plant.

**Baltimore Belle.** Pale blush, passing to white; very double flowers in beautiful, large clusters. A fine old climbing variety.

From 5-inch pots: 50c. per plant.

**Christine Wright.** This beautiful new Wichuraiana Hybrid, of which the variety Caroline Testout is a parent, takes its fine color—a bright wild rose pink—from the latter, and, in part, the form, which is quite double and will measure from three and one-half to four inches in diameter. The flowers are produced in quantities, coming singly and in clusters. The period of display is of greater duration than in the majority of the climbers. Growth strong and of a rugged, branching character. We regard this as one of the most attractive climbing Roses.

From 5-inch pots: 75c. per plant.

**Climbing American Beauty.** A fine new, free-blooming climber of excellent habit. Strong and vigorous in growth, making heavy canes from ten to fifteen feet in a single season. Rosy crimson flowers, produced freely in June and occasionally throughout the season. Very fragrant; a fine rose.

From 5-inch pots: 75c. per plant.

**Crimson Rambler.** A well-known and very popular variety. A strong, rank grower that produces heavy trusses of brilliant, double, crimson flowers in great profusion.

From 5-inch pots: 50c. per plant.



## HARDY EVERBLOOMING GARDEN ROSES—Continued

**Dr. Van Fleet.** Flesh pink on the outer surface, deepening to rosy flesh in the center. The flowers are full, very double, and carried on good stems, resembling *Souvenir de Pres. Carnot*—one of the parents—in color. The flower when open will measure four inches or more in diameter and is highly built in the center. Strong and handsome in growth. Superb.

From 5-inch pots: 75c. per plant.

Extra large plants: \$1.00 per plant.

**Dorothy Perkins.** A splendid variety. Bright, glossy foliage that always looks healthy and beautiful clusters of pink flowers. It is to be highly recommended for general planting. In addition to the regular grade, extra large specimens at \$1.00 per plant.

From 5-inch pots: 50c. per plant.

**Excelsa (Red Dorothy Perkins).** Having the dark, glossy, disease-resisting foliage peculiar to the *Wichuraiana* type. This new variety is not susceptible to mildew and other fungous diseases affecting the *Crimson Rambler*. The growth is very vigorous and healthy in appearance, resembling in this respect *Dorothy Perkins*. Flowers are very double, produced in large trusses of thirty to forty blossoms, which, individually, are unusually large for a climbing Rose. The color is intense crimson maroon, tinged scarlet on the edges of the petals. Without doubt the best red Rambler.

From 5-inch pots: 50c. per plant.

Extra large plants: 75c. per plant.



Tausendschon



Christine Wright—See page 24

**Gardenia.** Bright yellow, paler as flower expands. The nearest approach to a full yellow climbing Rose. Very vigorous. A desirable variety.

From 5-inch pots: 50c. per plant.

**Hiawatha.** The most brilliant-colored single Rose. In color a brilliant carmine, with a clear white eye and a mass of golden stamens. It is a glowing combination of color and a variety you must know to appreciate.

From 5-inch pots: 50c. per plant.

**Lady Gay.** Vigorous in growth, with flowers of delicate cerise pink in heavy clusters. The combination of deep pink buds, shading to softer pink in the open flower, combined with the glossy green foliage, makes this variety one of the most charming of the Ramblers.

From 5-inch pots: 50c. per plant.

Extra large plants: \$1.00 per plant.

**Leuchstern.** Bright rose, large white eye. A very beautiful single Rose of the Rambler type; flowers early and remains in bloom a long time; attractive even when fading. A superb Rose.

From 5-inch pots: 50c. per plant.



## HARDY EVERBLOOMING GARDEN ROSES—Continued

**Newport Fairy.** With flowers of deep pink, shading lighter toward the center, this is one of the most valuable single Roses. Its large clusters are borne in great profusion and the variety is a strong grower.

From 5-inch pots: 50c. per plant.

Extra large plants: \$1.00 per plant.

**Sodenia.** A scarlet Wichuraiana, producing its flowers in large trusses like Dorothy Perkins, and in great profusion. Its foliage is hard and not susceptible to mildew, and it is hoped that this novelty will fill a long-felt requirement as a scarlet Wichuraiana.

From 5-inch pots: 75c. per plant.

Extra large plants: \$1.00 per plant.

**Silver Moon.** This new Rose is of the same strong growth as Dr. Van Fleet; foliage beautiful bronze green; mildew proof. Flowers are very large, and produced on strong stems. Color silvery white, with prominent yellow stamens. Very fragrant and attractive.

From 4-inch pots: 35c. per plant.

**Tausendschon.** An entirely distinct Rose. The individual flowers are large and of a most elegant and graceful form. In color a most delightful shade of soft pink; produced in trusses. It is to many the most attractive and charming of the climbing Roses.

From 5-inch pots: 50c. per plant.

Extra large plants: \$1.00 per plant.

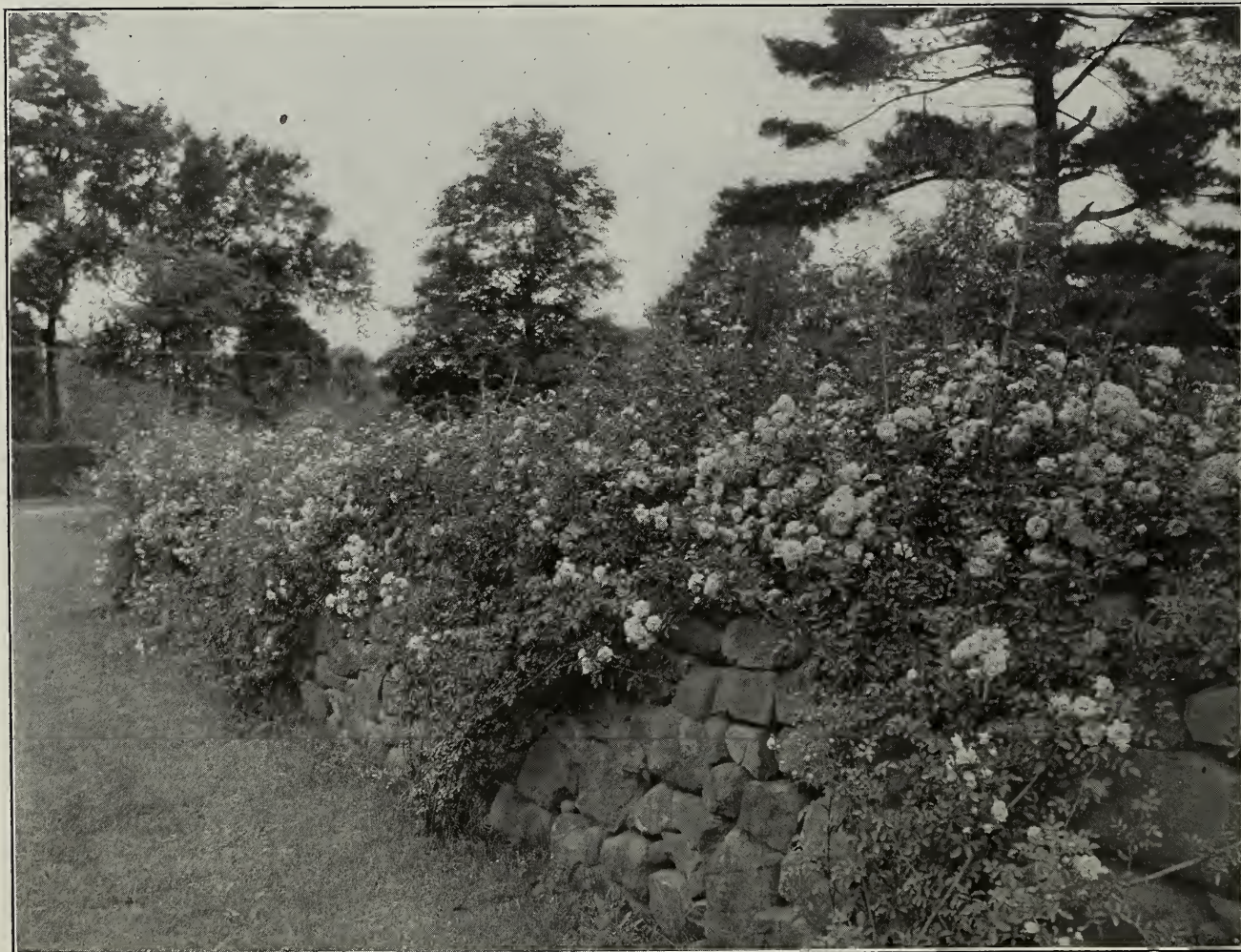
**White Dorothy Perkins.** A counterpart of Dorothy Perkins, except in color. Showing a faint trace of pink in bud, opening to a pure white flower, it is the most choice of the White Ramblers.

From 5-inch pots: 50c. per plant.

Extra large specimens: 75c. per plant.

**Wich-Moss.** An interesting hybrid between Wichuraiana and the Moss Rose Salet. Color pink, reverse of petals dark pink; flowers sweetly scented and finely mossed. The vigorous branches are covered with small thorns like the Moss Rose. A truly mossed climbing Rose flowering in trusses.

From 5-inch pots: \$1.00 per plant.





# Carnations

## New Carnations for 1914

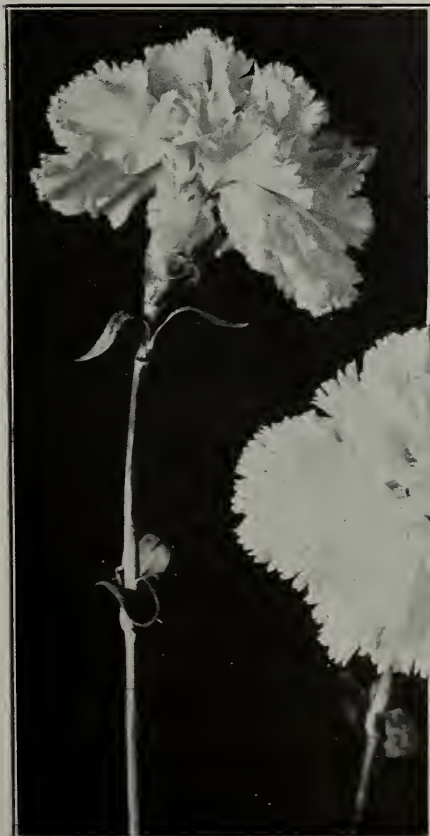
We have selected from the novelties in Carnations which are offered for the coming season a few which show marked improvement over older varieties. These we believe to be worthy of a place in every greenhouse. We have placed advance orders for cuttings with the various introducers and offer to our customers well-grown plants from pots instead of cuttings, which in small quantities seldom are satisfactory. This enables us to ship plants which will give satisfaction.

**Princess Dagmar.** (*M. A. Patten.*) A new crimson variety. Very large, full flowers, nicely formed. The habit of the plant is excellent. The color very deep. This variety is the highest type of dark red or crimson in existence.

Plants from 2¼-inch pots: \$3.00 per doz., \$20.00 per 100.

**Matchless.** (*The Cottage Gardens.*) This splendid Carnation is the most promising of any white variety ever offered. The flowers are large and borne on long, stiff stems. It is a free bloomer, very fragrant, with fringed edged petals. The calyx is good. It has won the Gold Medal at the International Flower Show and we consider it one of the coming recognized standard commercial Carnations.

Plants from 2¼-inch pots: \$3.00 per doz., \$20.00 per 100.



Carnation Matchless

**Philadelphia.** (*Browne.*) This new Carnation has been exhibited on frequent occasions during the past year and has met with a very favorable reception. It is a true rose pink in color. The flowers are large and well formed; the stems are long and straight. The calyx is of the best. It is a variety with strong constitution, and having the other desirable qualities it should fill a long-felt requirement for a variety of this color.

Plants from 2¼-inch pots: \$3.00 per doz., \$20.00 per 100.



Carnation  
Princess  
Dagmar

**Gorgeous.** (*Peter Fisher.*) This is the "American Beauty" of the Carnation family. It is a giant in growth and flowers freely, but not so prolifically as smaller varieties. In color it may be described as rich, glowing crimson, suffused with brilliant vermilion. It becomes scarlet under artificial light. It is a variety for high quality bloom and produces exceptional flowers in Midwinter.

Plants from 2¼-inch pots: \$4.00 per doz., \$25.00 per 100.

**Red Champion.** (*Dorner*) Among the new Carnations that are being introduced this season, Dorners Scarlet Seedling Red Champion has the distinction of being the most promising in its color that has been offered since the advent of Beacon. In habit of growth and formation of flower it is a duplicate of White Wonder. It comes to us from introducers who have given us many of our best commercial varieties and the introductions of the famous hybridists are always well worthy of a trial and notable examples like White Wonder have proven the superiority of this strain of seedling Carnations. If Red Champion makes good the claims of the introducers and proves to be a "Scarlet White Wonder" it will be one of the most popular and widely grown varieties.

Plants from 2¼-inch pots: \$3.00 per doz., \$20.00 per 100.



## Carnations—Standard Varieties

**Enchantress Supreme.** This sport of Enchantress was disseminated in 1913. Our planting of this variety was very extensive, as we believed it to be the best new Carnation of recent years. Enchantress and the sports of this variety have been of the highest value to all Carnation growers and our results are proving Enchantress Supreme to be the most valuable of this family of Carnations. It is a light salmon pink, not only an attractive color, but a color which endures exposure to the sun without bleaching. The calyx is longer than that of the parent variety and has shown no tendency to burst. There are less petals, which insures better formed flowers. The growth is almost identical with that of the parent, making it a dependable variety and worthy of a place in every Carnation house.

Plants from 2¼-inch pots:  
\$1.50 per doz., \$12.00 per 100.

Rooted Cuttings: \$1.00 per doz., \$8.00 per 100.

**Beacon.** The best scarlet variety. Our stock is clean and vigorous, perfectly free from stem rot.

**Benora.** The best variegated variety ever introduced. It is also extremely free. Flower large, full, and of perfect form. Color cream white, beautifully penciled with bright red; stem long and wiry, with narrow foliage. This Carnation stands head and shoulders above anything else in its class.

**Eureka.** Scarlet seedling from Beacon. Habit similar to Beacon; flower a trifle smaller with better calyx.

**Octoroon.** Bright crimson in color; habit excellent; very free. Our best crimson variety. This variety has the weakness of throwing quite a few single flowers. Princess Dagmar will replace it eventually.

**Washington.** The dark sport of Enchantress. It is similar in color to Mrs. C. W. Ward, but with the habit of the Enchantress family. It is to be preferred to Dorothy Gordon, which it replaced with us.



Enchantress Supreme

Flower large, full and deep; calyx perfect. Strong, healthy, clean-growing plant.

**White Enchantress.** The pure white strain. For general use there is none better than White Enchantress.

**White Perfection.** A worthy companion to White Enchantress and a well-known variety. Perfection of bloom, combined with other good qualities, assures it a place.

**White Winsor.** A pure white sport of Winsor.

**Winsor.** Clear, silvery pink in color; excellent commercial variety, but for best results should be grown inside or planted very early.

### PRICES

Plants from 2¼-inch pots: \$1.00 per doz., \$7.50 per 100.

Rooted Cuttings: 75c. per doz., \$5.00 per 100.

3 of a variety at the dozen rate, 25 of a variety at the 100 rate.

When purchasing small quantities, pot plants are advisable and will give satisfaction.

We shall offer for Midsummer delivery plants that have been field grown and are ready for planting.



White Wonder

**White Wonder.** In character of bloom White Wonder is similar to White Perfection, but the plant shows greater strength and freedom of growth. Large, pure white bloom, and well worthy of being considered one of our best commercial varieties.

**Enchantress.** Our stock of this old standard shell pink is in excellent condition.

**May Day.** An excellent commercial variety. It is very free, and its even shade of pink is much desired.

**Mrs. C. W. Ward.** In color a very pleasing shade of pink, slightly lighter than Mrs. Lawson. In growth and habit it is all that could be desired, being thrifty and clean, and making an abundance of flowering shoots. It is a variety that we can highly recommend.

**Rosette.** (Dorner 1912.) A dark pink Carnation, darker than Rose Pink Enchantress and much brighter than Lawson.



## Novelty Chrysanthemums

**Indian Summer.** This variety is a sport from Golden Chadwick, originating with us in 1911. We have grown the variety in quantity to make certain that the odd color is in demand, and have satisfied ourselves that there is a demand for Indian Summer from those who know how to use flowers. The wonderfully beautiful effects which can be had by the proper setting will be recognized by those who understand floral art, and it is to these men that a novelty of this sort will appeal. As it is a sport of Chadwick, the habit and growth being identical, there is no necessity for enlarging upon the success of the variety from the growing standpoint. In color the groundwork is yellow, but into this is blended the terra cotta and salmon shades, with a tinge of bronze that gives to it a distinctiveness that insures popularity. The color of Autumn foliage during Indian Summer in a measure describes the coloring, and it has been named in honor of the season of the year which brings Chrysanthemums to their glory.

Plants from 2¼-inch pots: 75c. each, \$7.50 per doz.



Indian Summer



Greystone

**Greystone.** This new variety is a seedling from Brutus and Soleil d'Octobre, and is a most beautiful golden bronze in color, the specimen plant shown at the Museum of Natural History at New York being one of the original plants. This specimen carried one thousand blooms of large size, and in the opinion of experts was one of the finest specimens ever exhibited. Greystone is a seedling raised by W. H. Waite, and the variety has proven such a success, not only as a specimen plant, but grown as commercial flowers are grown, that we have taken this seedling to disseminate in the belief that it will be found an excellent commercial variety, and that it will be in demand owing to its beautiful coloring. We believe it will be a credit to Mr. Waite and to "Greystone," one of our finest American private estates.

Plants from 2¼-inch pots: 75c. each, \$7.50 per doz.

We do not sell rooted cuttings  
of Novelties.



## CHRYSANTHEMUMS—Continued

## New Pompons

There has been a marked improvement in Chrysanthemums during the past few years, but in no section of the Chrysanthemum family has improvement been more rapid than in the Pompon section. The necessary good qualities are met with in our novelties of the season. These new Pompons are worthy of the highest recognition, and will prove to be a welcome addition to your collection.

**Western Beauty.** Deep rose pink in color; flower medium-sized. In growth medium, throwing straight stems which hold the flowers erect. It will follow the variety Fairy Queen and comes as a welcome addition at a time when there are no pink Pompons. It blooms from November 10th to 25th.

**Golden Climax.** On the order of Quinola, but with foliage that is hard and which will not be subject to mildew. Exhibited at Chicago under the name "Climax." Blooms November 10th to 20th. Extra fine variety for cutting in sprays.

**Golden Harvest.** A medium-sized variety of the button type. Deep golden yellow, with a tinge of bronze; a color which when finished is similar to Souvenir d'Or when half developed. A color that is very pleasing.

**Golden West.** A trifle larger than Baby, but of similar formation. Rather compact in growth, but an excellent variety for pot plants. When bench grown will produce excellent sprays for cutting.

From 2¼-inch pots: 30c. each, \$3.00 per doz.

3 of a variety at the dozen rate.

## Elmer D. Smith Co.'s New Pompons

**Celco.** Bright yellow, shading to orange; similar to color of Quinola, but the sprays are not so compact and are ready to cut two weeks earlier, or about November 1st, when dark yellow Pompons are scarce. Medium height. C. S. A. Certificate.

Plants from 2¼-inch pots: 30c. each, \$3.00 per doz.

**Leota.** Delicate pink with bright rose reverse, which gives the effective bright center in each bloom if cut a few days before fully developed. Dwarf habit; fine for pot plants. In season October 25th to November 5th. C. S. A. Certificate.

Plants from 2¼-inch pots: 30c. each, \$3.00 per doz.

**Nesco.** Beautiful shade of old rose, flowers about the size of Iva, La Purite and Lodi. Medium height, maturing first week of November.

Plants from 2¼-inch pots: 30c. each, \$3.00 per doz.

## New Pompon Anemones

**Azelda.** (E. D. Smith & Co.) Light pink, with a slight trace of lavender. Ray and disc floret same color, with the exception of the center of the cushion, which is cream color. Single row of lavender ray florets; produces exquisite sprays suitable for any sort of artistic arrangement.

Plants from 2¼-inch pots: 30c. each, \$3.00 per doz.

**Diantha.** (E. D. Smith & Co., 1913.) A dwarf compact growing variety that is of the type so desirable for pot plants. It is also an excellent variety to grow for cutting in sprays. The guard petals are white and the center cream color.

Plants from 2¼-inch pots: 20c. each, \$2.00 per doz.

**Laurita.** (E. D. Smith & Co., 1913.) Bright yellow in color; of a compact dwarf habit. A valuable variety for pot plant culture as a small specimen.

Plants from 2¼-inch pots: each, 20c. \$2.00 per doz.



Golden West



Golden Harvest



Western Beauty



Golden Climax



## Elmer D. Smith & Co.'s Novelties for 1914

We have recently come to an agreement with Elmer D. Smith & Co., whereby in the future we shall assist them in disseminating their new Chrysanthemums. We are pleased to do this, for the varieties sent out by this firm have been the best commercial sorts, and a few notable examples, such as Golden Glow, Chrysolora, Roman Gold, Pink Gem and December Gem, are characteristic of Smith's seedlings.

At the Chicago Show, and at the Cleveland Show, in the class for twenty-four distinct varieties, this firm exhibited twenty-four distinct undisminated seedlings which show promise of making Chrysanthemum history. We are the Eastern agents for Elmer D. Smith & Co., and orders will be filled from Cromwell to the East simultaneously with the Western distribution from Adrian, Mich.

### Commercial and Exhibition

**Oconto.** A white Japanese incurved of large size, with strong, rigid stem and perfect foliage. This will be a companion for Chrysolora, coming into perfection October 15th. Height four feet. Best bud August 30th. C. S. A. Certificate.

Plants from 2¼-inch pots: 75c. each, \$7.50 per doz.



Oconto



Odessa

#### Smith's Ideal.

A commercial white of exceptional merit, possessing those qualities which have

made Major Bonaffon so popular. Perfect incurved form from early or late buds; dwarf, upright growth, with strong, wiry stem. Like Bonaffon, flowers are only medium in size and in perfection November 1st and later. Three feet. Best bud August 30th. C. S. A. Certificate.

Plants from 2¼-inch pots: 75c. each, \$7.50 per doz.

**Garnet Gem.** An unusually bright crimson seedling from Geo. W. Childs. In perfection October 20th, and with us it does not burn like most varieties of this color. We consider this the best early red to date for the commercial grower. Three feet. Best bud August 20th. C. S. A. Certificate.

Plants from 2¼-inch pots: 75c. each, \$7.50 per doz.

**Odessa.** Late midseason commercial variety, maturing November 15th to 20th. Bright yellow seedling from Merza, but much freer in growth and does not wilt like its parent. Best incurved form. We believe this will eclipse anything now in commerce as a late yellow. Five feet. Best bud September 5th. C. S. A. Certificate.

Plants from 2¼-inch pots: 75c. each, \$7.50 per doz.

**Flamingo.** An exquisite shade of crimson, reflexing perfectly, showing only the upper surface of the petals; of large size; destined to become one of the best exhibition crimsons, and is also admirably adapted to the needs of the commercial grower, maturing first week of November. Three and one-half feet, seven inches in diameter. Best bud August 20th. Awarded bronze medal at Chicago.

Plants from 2¼-inch pots: \$1.00 each, \$10.00 per doz.

**Nerissa.** (Exhibition variety.) Very broad petals, forming a high-rounded, incurved bloom of the largest size. Similar in color to Rosemawr. Rosy mauve. Strong, upright growth and rigid stem, maturing second week of November. Four feet. Bud September 5th. C. S. A. Certificate.

Plants from 2¼-inch pots: \$1.00 each, \$10.00 per doz.



Flamingo



## CHRYSANTHEMUMS—Continued

## New Commercial Chrysanthemums

**Improved Golden Chadwick.** (*Pollworth.*) The Chadwick family of Chrysanthemums are the highest type of the commercial varieties, and any sport of Chadwick that is an improvement will be welcomed. This new variety originated in the West. We have taken part of the stock and will distribute the variety the coming season. It is described as identical with the parent in all respects, except form and color of the bloom. It is a perfectly formed flower and a deeper golden yellow in color.

Plants from 2¼-inch pots: 30c. each, \$3.00 per doz.

**Golden Robin.** Described by the introducer as an improved Golden Age, being easier of propagation and brighter in color. With us a very fine medium-sized flower, golden bronze in color, and making excellent stem and foliage.



Alice Salomon

**Alice Salomon.** A fine, large, early white, incurved in form, resembling W. H. Chadwick. It is far better than Early Snow and a safe variety to plant in quantity. Comes to maturity October 10th.

Plants from 2¼-inch pots: 25c. each, \$2.50 per doz., \$15.00 per 100.

**Golden Salomon.** A light yellow sport of the variety Alice Salomon. Plants from 2¼-inch pots: 50c. each, \$5.00 per doz., \$35.00 per 100.

**Chieftain.** Deep, clear pink, incurved in type on the order of Major Bonaffon. A very fine, midseason pink variety and a good companion to Bonaffon and Chas. Razer.

Plants from 2¼-inch pots: 30c. each, \$3.00 per doz., \$20.00 per 100.

3 of a variety at the dozen rate, 25 of a variety at the 100 rate.



Improved Golden Chadwick

**Mary E. Meyer.** One of last season's novelties. It is a Japanese of medium size, very pure white in color and coming to perfection about November 1st. The growth is short-jointed and foliage large and heavy. The plant grows from three to four feet tall. According to our results, this variety is the finest commercial of recent years.

**White Perfection.** A novelty of last season; pure white in color. Large, rounded, incurved flower.

Plants from 2¼-inch pots: 25c. each, \$2.25 per doz., \$15.00 per 100.



Mary E. Meyer

## CHRYSANTHEMUMS—Continued

## Exhibition Varieties

Prices of the Exhibition varieties, from 2¼-inch pots: 10c. each, \$1.00 per doz., \$6.00 per 100, except where otherwise noted.  
3 of a variety at the dozen rate, 25 of a variety at the 100 rate.

**Annie E. Angus.** Pure white in color and flowers very large.

20c. each, \$2.00 per doz.

**Christy Mathewson.** Pure white color and making large flowers. Growth tall.

**Col. Appleton.** An old favorite. Yellow, medium-sized bloom.

**Elberon.** A large Japanese incurved; a very pleasing shade of pink. Strong grower, with good, rigid stem.

25c. each, \$2.50 per doz.

**F. E. Nash.** Light pink Japanese of large size.

**F. S. Vallis.** A very large yellow. Dwarf in growth.

**Glenview.** Semi-dwarf in growth and making large bloom. Deep bronze in color. It is a good variety for general growing.

**Harry E. Converse.** Petals crimson, with golden-bronze reverse. Large bloom and excellent growth.

25c. each, \$2.50 per doz.

**Lady Hopetoun.** Light pink in color. Flowers large and beautifully formed. Dwarf in habit.

**Manhattan.** Delicate blush pink in color. Flower reflexed type. Tall.

**Mary Donellan.** Very tall in growth. Flower large, incurved, deep golden yellow in color.

**Mary Mason.** Rosy bronze with lighter reverse. Dwarf.

**M. Louiseau Rousseau.** Very large incurved pink. Tall.

**Miss Miriam Hankey.** Very fine Japanese incurved; semi-dwarf. Late.

**Mrs. Clay Frick.** Medium-sized bloom, but easy to grow. Medium dwarf.

**Mrs. Gilbert Drabble.** Pure white in color, of the largest exhibition size, with petals arranged in a whorl, making most attractive bloom. 30c. each, \$3.00 per doz.

**Mrs. J. C. Neil.** Soft canary yellow; easy to grow; one of the best. Semi-dwarf.

**Mrs. J. E. Dunne.** A Japanese salmon terra cotta in color. Tall in growth.



Wm. Turner

**Mrs. H. Stevens.** A large golden bronze. Finely formed flowers which finish perfectly. Dwarf.

**Mrs. O. H. Kahn.** Golden bronze. Flower compact. Medium dwarf.

**Mrs. Wm. Duckham.** Japanese reflexed; very deep yellow on early buds. Late buds, petals edged with bronze.

**Nakota.** Very large incurved bloom. The color described as orange buff, and is classed as a dark yellow. Excellent foliage and stem. A very fine variety.

30c. each, \$3.00 per doz.

**Naomah.** Pure white in color. Large, well-formed, incurved bloom.

**Pockett's Crimson.** Crimson, with gold tips to the petals. Excellent habit of growth and one of the best varieties.

**Reginald Vallis.** Very large Japanese. Plum color, with lighter reverse. Tall.

**W. Woodmason.** Very large bloom. Red in color, but not bright enough to be called crimson. Clean growth; dwarf habit. 25c. each, \$2.50 per doz.

**W. E. Mease.** Very deep lavender in color; reflexed in type. Bloom large; stem weak. Needs staking and good only to show with short stems.

**Wells' Late Pink.** Clear, bright pink in color. Easy of culture. Fine variety for general growing.

**Wm. Duckham.** Light pink Japanese; incurved bloom. Easy of culture. Medium dwarf.

**Wm. Turner.** Pure white in color; incurved type. Very large bloom; one of the finest of the large-flowered Chrysanthemums and a general favorite.

**Yellow Miller.** Light yellow in color; large bloom. Semi-dwarf.



Glenview



## CHRYSANTHEMUMS—Continued

## Choice Commercial Varieties

We include under this heading the varieties that are most widely grown for commercial cut flowers. As a rule these varieties are medium in size and compact in form of flower. For these May and June planting is advisable.

Plants from 2¼-inch pots: 10c. each, \$1.00 per doz., \$6.00 per 100.

## WHITE

**Early Snow.** Pure white in color, with perfect form and foliage.

**Elise Papworth.** Coming into flower about November 1st. In many characteristics it resembles Timothy Eaton. It is an easy variety to grow and gives general satisfaction.

**Chas. Razer.** Pure white, with grand stem; foliage as handsome as Eaton; flower much like Bonnaffon in form, but larger. A very easy doer. Blooming date, November 1st.

**Timothy Eaton.** Strong and vigorous, with large white bloom; it has been the leader in its class for years.

**Lynnwood Hall.** A late white, noted for its purity of color.

**W. H. Chadwick.** For the markets that want select stock and something that is better than the ordinary this variety stands alone. Pinkish to a slight extent when grown cool, it is even more charming than when pure white.

**Chadwick Improved.** Alike in all respects to W. H. Chadwick, except in color. Absolutely pure white.

**December Gem.** Flowering season extends from the last of November to middle of December, according to date of buds. White, with a slightly pink tinge. Ball shaped; very stiff, wiry stem. Free and easy to grow.

**White Bonnaffon.** A pure white seedling of Major Bonnaffon.

**White Helen Frick.** The pure white sport of Helen Frick; very late.

**Jeanne Nonin.** The last of the fancy Chrysanthemums are gone when this variety is ready. Produces massive white bloom of excellent type.

## YELLOW

**Comoleta.** Owing to its clear, bright color and its perfect form, Comoleta has become a favorite. Its foliage is not heavy, and it can be planted somewhat closer than the heavier varieties.



Ramapo



W. H. Chadwick

**Yellow Ivory.** A clear, bright yellow sport of Ivory.

**Chrysolora.** A very fine commercial yellow. Medium to tall in growth. Foliage heavy. Considered the finest early yellow variety ever introduced.

**Aug. Dasse.** A dwarf, stiff-stemmed variety, ready November 1st. Very solid flower of extra keeping qualities; globular in form. Color intense yellow.

**Brutus.** Golden bronze in color. Dwarf; excellent pot plant.

**Ramapo.** Very deep golden yellow in color, with large, finely-formed flowers. The habit of growth is excellent and foliage superb. Matures perfect flowers from any bud and we do not hesitate to recommend it as a variety for general growing.

**Merry Jane.** Bright, clear yellow in color; incurved type. Clean and vigorous in growth, with a perfection of bloom that makes it a favorite.

**Roman Gold.** Foliage and stem of excellent character. The flower is finely formed and a deep, rich yellow in color. October 20th to November 1st.

**Yellow Eaton.** Owing to its strong growth and large bloom, Yellow Eaton is a general favorite.

**Nagoya.** Perfect stem and foliage, combined with richness of color in the bloom and ease of culture, make Nagoya a safe variety to grow in quantity. It matures with us November 20th. Reflex type.

**Golden Eagle.** Very intense yellow; incurved in form.

**Golden Chadwick.** When high-class blooms are the object, this variety reigns supreme. Its rich yellow color, combined with the good characteristics of the Chadwicks, places it as one of the best late yellow varieties.

**Dolly Dimple.** Clear yellow; large flowers; excellent variety, maturing November 25th to December 1st.

## CHOICE COMMERCIAL CHRYSANTHEMUMS—Continued

## PINK

**Unaka.** A strong grower, with perfect stem and foliage. A fine incurved bloom of a pleasing shade of pink, and matures the first week in October. These qualities place it foremost among the early pinks.

**Pink Gem.** Pleasing shade of light pink, with perfectly formed, incurved flower. Strong foliage and stem; medium height.

**Winter Cheer.** A deep cerise pink in color; incurved, compact bloom. Matures October 25th to November 1st.

**Hirondelle.** Big, incurving variety, with splendid stem and foliage. Clear pink, brightening into rosy lavender as it matures. November 1st to 10th.

**Patty.** Flowers a pleasing shade of pink in color; excellent habit and foliage. Matures just before Thanksgiving.

**Helen Frick.** Medium-sized bloom; valuable because of its lateness.

**W. R. Brock.** A fine pink for Thanksgiving or later. Strong, sturdy grower, but a slow propagator.

**Chadwick Supreme.** Comes into bloom from November 20th to December 1st. Color is similar to Pacific Supreme; reflexed bloom. A sport of W. H. Chadwick.

## RED

**Harvard.** Japanese reflexed; very dark crimson. Is in perfection November 15th and later and is of special value to those who desire red Chrysanthemums for the closing days of the football season. Three and one-half feet high.

**Intensity.** Bright crimson; reflex type.

**Cullingfordii.** Medium-sized flower, maturing very late.



Harvard

## General Collection of Chrysanthemums—Older Varieties

Plants from 2¼-inch pots: 10c. each, 75c. per doz., \$4.50 per 100.

3 of a variety at the dozen rate, 25 of a variety at the 100 rate.

## WHITE

**Smith's Advance.** Pure white in color; very early.

**Polly Rose.** An early variety; pure white; dwarf habit.

**Ivory.** An old standard for medium-sized bloom.

**Moneymaker.** Pure white in color.

**White Maud Dean.** The white sport of Maud Dean.

**Mrs. Jerome Jones.** An old standard. Pure white in color. Blooms the middle of November.

## YELLOW

**Golden Glow.** Owing to the ease with which this variety 'can be brought into bloom at a desired date, it has become very popular. Clear yellow in color.

**Yellow Polly Rose.** Clear yellow sport of Polly Rose. Valuable where head room is limited and an early yellow desired.

**Yellow Touset.** A sport of C. Touset. Bright, clear yellow in color.

**Major Bonnaffon.** The variety that is the standard for commercials. Very widely grown.

**Yellow Jerome Jones.** Very late; medium-sized bloom; good, clear yellow.

## PINK

**Pacific Supreme.** The most widely grown pink for commercial purposes. Matures October 10th to 20th.

**Glory of the Pacific.** Dwarf habit; flowers good. Valuable where head room is lacking.

**Pink Ivory.** Pink sport of Ivory; medium-sized bloom.

**Dr. Enguehard.** A late commercial pink; a variety that is always safe to plant.

**Maud Dean.** A late pink following Dr. Enguehard.



Pink Gem



## CHRYSANTHEMUMS—Continued

## Hardy Pompon Chrysanthemums

As a class the Pompon varieties are hardy, but for quality of bloom they are greatly superior when grown under glass.

Plants from 2¼-inch pots: 10c. each, 75c. per doz., \$4.50 per 100.

3 of a variety at the dozen rate, 25 of a variety at the 100 rate.

**Acto.** Very deep pink; large flowers. Midseason.

**Allentown.** Bronze yellow in color; medium-sized flowers. Midseason.

**Alma.** Large, deep pink flowers; tall growing. Late.

**Baby.** Clear, bright yellow; very small, button-shaped flowers. Very late.

**Baby Margaret.** A white sport of Baby, with flowers a trifle larger and coming a little earlier.

**Diana.** A very fine, pure white variety of large size. Late.

**Fairy Queen.** Clear pink in color, with nicely-formed flowers of medium size. A very fine midseason variety.

**Helen Newberry.** Medium-sized flowers of pure white. One of the finest for cut sprays. Very late.

**Iva.** Very small flowers of deep bronze. Midseason.

**Julia Lagravere.** Deep red in color and very late; best variety in its color.

**Lilla.** Very tall growing, but excellent for cut sprays. Deep red in color. Late.

**Lillian Doty.** Beautifully formed shell-pink flowers, produced in abundance on stems strong enough to hold the flowers erect. A color that will be generally useful.

**Little Pet.** Lavender pink in color; large flowered. Late.

**Lula.** White in color; medium-sized flowers. Late.

**Lyndhurst.** Small flowers; very deep red. Midseason.

**Merstham Tints.** Very free flowering; golden yellow. Midseason.

**Minta.** Very free-flowering, shell-pink, medium-sized flowers. Midseason.

**Miss Julia.** A golden bronze; medium-sized flowers. Midseason.

**Nio.** Shading from shell pink to white; button type. Early.



Helen Newberry

**Overbrook.** Very free flowering; golden yellow; button type. Early.

**Queen of Whites.** Very similar to Lula, but a little earlier in blooming.

**Quinola.** Large flowers, golden yellow in color. Strong-growing plant; very fine for cutting in sprays. Late.

**Rufus.** Small flower; button type; reddish bronze in color. Midseason.

**Souvenir d'Or.** Golden bronze, coming into bloom late. Makes a very fine pot plant and is excellent for cutting for Thanksgiving. Plants tend to overbud in small pots, which will be outgrown when planted.



Fairy Queen



Iva



Lillian Doty



## CHRYSANTHEMUMS—Continued

## New Single Varieties

Plants from 2¼-inch pots: 15c. each, \$1.25 per doz., \$7.50 per 100.

**Josephine.** Splendid-growing, yellow single of exceptional merit. In our opinion, the best yellow single in existence.

**Mensa.** Pure white single; strong growing; medium height. Exceptionally choice variety.

**Oriole.** A decided novelty; probably the most showy single variety in existence. Owing to the character of the flower, the petals being long, it is not a variety to be recommended for cut sprays, but is purely decorative. It makes a most excellent pot plant, and planted in a mass will make a gorgeous showing in the Fall.

## Novelty Single Chrysanthemums

Plants from 2¼-inch pots: 30c. each, \$3.00 per doz., except where otherwise noted.

**Celia.** Deep yellow, with a crimson center. The bush makes a glorious display. May be termed an improved Pretoria.

**Miss M. Ottler.** Most quickly described as an improved Kitty Bourne, but flowers are larger and the habit of the plant more vigorous.

**Grace Darling.** Beautiful white; should not be disbudded; makes excellent sprays for cutting.

**Mrs. Whitehorn.** Salmon terra cotta; an excellent keeper and shipper and one of the best commercial cut flowers.

**Manor House.** Terra cotta; very handsome variety for the collections.

**Stanley Ven.** Lovely rose color; sprays are well divided, doing away with the necessity of any disbudding. Won certificates in Philadelphia, Boston and Chicago.



Mensa

**Gladys Duckham.** One of the largest whites; winning C. S. A. Certificates at Philadelphia and Boston.

**Catherine Hope.** Brilliant orange terra cotta; rather late for the earlier shows, but well worthy of growing.

**Golden Mensa.** The parent of this variety, Mensa, is probably the finest single that has ever been raised. It is of a wonderful size, with enough petalage to enable it to be shipped thousands of miles and come out of the box in perfect condition. In Golden Mensa we have a yellow sport of the same identical in every way with Mensa except color, which is a bright, golden yellow.

**Miss F. Collett.** Bright terra cotta. Very strong grower and satisfactory variety.

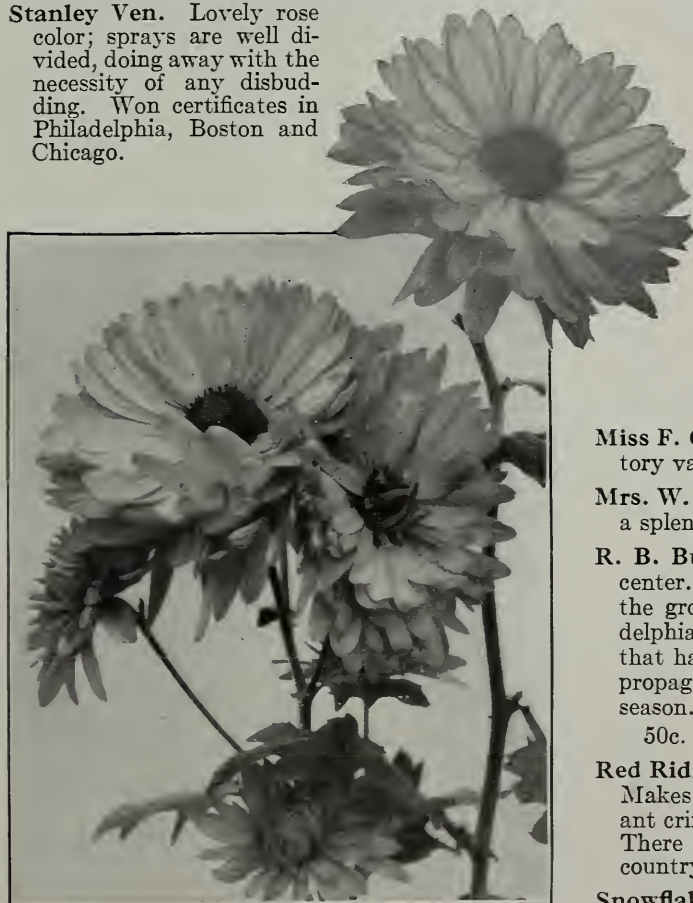
**Mrs. W. Prouting.** Primrose. Too late for any of the shows, but a splendid variety to grow for Thanksgiving.

**R. B. Burge.** Purest possible white flower, with a bright yellow center. Like a beautiful Pond Lily. This variety enraptured all the growers who saw it. Certificated at New York, Boston, Philadelphia and Chicago with the highest number of points of any single that has been submitted to the Society's judges. Burge is a slow propagator, but we hope to be able to fill all orders early in the season.

50c. each, \$5.00 per doz.

**Red Riding Hood.** Entirely hardy with us for the past two seasons. Makes a glorious bush two feet across, covered with the most brilliant crimson flowers. Fully developed in the garden by October 1st. There should be a place for this variety in every garden in the country.

**Snowflake.** Purest white. A large, splendid flower that is most attractive.



Josephine



## CHRYSANTHEMUMS—Continued

## General Collection of Single Varieties

Plants from 2-inch pots: 10c. each, \$1.00 per doz., \$6.00 per 100.

## WHITE

**Robert Thorp.** Very strong-growing plant; pure white flowers.

## YELLOW

**Emma L. Davis.** Splendid, stiff-stemmed yellow. Most easily described by saying that it is a greatly improved Pretoria.

**Golden Star.** Rich yellow; bright orange disc. One of the best.

**Margaret Totty.** Deep golden yellow; very large flower; splendid, stiff stems. One of the best yellow singles in cultivation.

**Mary Richardson.** Salmon yellow; one of the most distinct.

**Merstham Jewel.** Golden bronze, with yellow points and center.

## PINK

**Ladysmith.** Rich pink; very free bloomer; dwarf habit.

**Mrs. E. D. Godfrey.** A lovely shade of light pink; very strong-growing variety.

## RED

**Alexander Rowbottom.** Deep, bright crimson; very large flower.

**Ceddie Mason.** Deep crimson, with orange center.

**Miss Hilda Wells.** Beautiful Tuscan red, with a light yellow tinting at the base of the petals.

**Sylvia Slade.** Rosy garnet, with broad pure white ring around the disc, as true as a Cineraria flower. The habit and freedom of flowering are superb.



Mrs. E. D. Godfrey

## Fancy Varieties

Plants from 2-inch pots: 10c. each, \$1.00 per doz., \$6.00 per 100.

**King of Plumes.** Grand for cutting in bunches. Golden yellow, of shining texture; very full and double; petals shortening toward center and each petal deeply notched. One of the most useful.

**Miss Harvey.** Produces beautiful sprays like very fine lace; color white, delicately tinted pink. It is frilled and notched until it seems transparent. A late variety.

## Pompon Anemones

**Princess.** A seedling from Garza. Pure white, with ray petals, evenly spaced around a large Anemone center of quill petals, slightly touched with the pollen. In our observation, covering three seasons of bloom, it has never failed to show the Anemone center. The flower has good substance, giving a lasting quality as a cut flower. The habit of the plant is good, growing to a medium height and covered with flowers; it is thus an ideal pot plant. For effect in cutting it must be grown without disbudding when a single spray will produce from five to a dozen flowers. It is a midseason, blooming November 1st to 10th.

Plants from 2¼-inch pots: 25c. each, \$2.50 per doz., \$15.00 per 100.

**Garza.** The well-known white variety; considered the best in its class.

**Mary Colladay.** Pink Anemone, resembling Garza in form.

**Mikado.** Yellow; double row of petals; Garza type.

**Yellow Garza.** Yellow sport of Marza.

Plants from 2-inch pots: 10c. each, 75c. per doz., \$4.50 per 100, except where otherwise noted.

3 of a variety at the dozen rate, 25 of a variety at the 100 rate.



Merstham Jewel



## CHRYSANTHEMUMS—Continued



## Hardy Early Flowering Type

The early-flowering type of the Chrysanthemums has been developed in recent years and has proven to be of great value for outdoor use. They are large flowered and mature their bloom early enough to avoid frost. A planting of this type insures a continuation from year to year and the pleasure of having fine Chrysanthemums out of doors.

The following brief list we have selected by test from a large number of varieties of this type. These have been selected on the basis of color and freedom of bloom. We are certain that these are the best of their type and that they will give satisfaction.

**Comtesse de Cariel.** A very free-flowering variety of dwarf habit. Terra cotta bronze in color.

**Eden.** Beautifully formed flowers, rose pink in color; medium height. One of the very choice varieties.

**F. Bannister.** Deep golden yellow in color. Flowers of medium size. Medium height.

**Glory of Seven Oaks.** Golden yellow in color and very free flowering. Makes an excellent pot plant and may be considered one of the finest varieties.

**Goacher's Crimson.** Very large flowers, bright crimson in color; dwarf growth.

**Holmes' White.** Very early and very free flowering; dwarf growth. Pure white.

**L'Argentuillais.** The best of the red varieties. Medium height in growth. It makes an excellent variety for cutting in sprays.

**Leslie.** Golden yellow in color. Very free flowering and very early.

**Maduse.** Flower rather loosely built terra cotta bronze in color. Tall.

**Maxim.** Reddish terra cotta in color; flowers large. Tall.

**Mignon.** Flowers rosy pink in color; medium height. One of the very finest varieties; excellent for cut sprays.

**Nina Blick.** Very dwarf-growing and free-flowering variety. Golden bronze in color of bud, changing to yellow as flowers mature.

**Normandie.** The finest of the early-flowering type. Very delicate pink or white in color, varying under growing conditions. It is an excellent grower of medium height and very fine for cutting in sprays.

**Perle Chatillonnaise.** Very free flowering; cream white in color.

**Rosie.** Deep, rich bronze in color; medium height.

Plants for Spring delivery, from 2¼-inch pots: 10c. each, \$1.00 per doz., \$6.00 per 100.

3 of a variety at the dozen rate, 25 of a variety at the 100 rate.



Goacher's Crimson

## The Caprice Type

The Caprice type are especially adapted for pot plants, being of dwarf habit and very free flowering. The following varieties represent the best of this type and a wide range of color.

**Butler's Caprice.** Deep pink.

**Kathleen Thompson.** Crimson.

**Lilac Caprice.** Deep lilac.

**Purple Caprice.** Purple.

**Source d'Or.** Bright orange, shaded gold.

**Yellow Caprice.** Yellow.

**White Caprice.**

Plants from 2¼-inch pots: 20c. each, \$2.00 per doz., \$15.00 per 100.

In assortment as desired.



## Orchids

We offer the following brief list of these choice plants, having an excellent stock from which to select your order. Our plants are in excellent condition and we know that at the prices quoted the customer will receive full value. These prices are for the average plants with good, strong-flowering leads. If larger plants are desired, we are able to make a selection that will please. Prices of specimen plants given on application. The variation in price is dependent on the proximity to maturity of bloom.

### CATTLEYAS

- C. Gaskelliana.** June and July. Purple lip, petals and sepals rose flushed.  
Plants in 5- and 6-inch pots: \$2.50 to \$4.00 each.
- C. gigas (Sanderiana).** June and July. Flowers large. Petals and sepals dark rose color. Lip magenta purple.  
Plants in 5- and 6-inch pots: \$3.50 to \$5.00 each.
- C. gigas (Hardyana).** July. The later-flowering Gigas.  
Plants in 5- and 6-inch pots: \$3.50 to \$5.00 each.
- C. Mendelii.** May. Flowers varying in color from white to light pink. Lip crimson purple.  
Plants in 5- and 6-inch pots: \$2.50 to \$4.00 each.
- C. Mossiae.** April and May. Flowers large, but vary in color.  
Plants in 5- and 6-inch pots: \$2.50 to \$4.00 each.
- C. labiata.** October and November. Very free flowering. One of the most popular varieties for cut flowers.  
Plants in 5- and 6-inch pots: \$2.50 to \$4.00 each.
- C. Schroederæ.** March and April. Flowers resemble *Trianae* in form, but usually light-colored with yellow throat.  
Plants in 5- and 6-inch pots: \$2.00 to \$3.50 each.
- C. speciosissima.** Mostly in Winter. Large flower, rose color, with richly-colored lip.  
Plants in 5- and 6-inch pots: \$3.00 to \$4.50 each.
- C. Trianae.** December and January. The most widely grown of the *Cattleya* family and the best known.  
Plants in 5- and 6-inch pots: \$2.00 to \$3.50 each.



*Cypripedium Insigne*



*Cattleya*

### DENDROBIUM

- D. nobile.** March. Flowers usually light rose in color. Very popular. Prices according to quality and size.  
Plants: \$3.00 to \$5.00 each.

### ODONTOGLOSSUM

- O. crispum.** Large white flowers on many-flowered spikes 3- to 4-inch pots.  
Plants: \$2.00 to \$4.00 each.

### ONCIDIUM

- O. varicosum.** One of the most useful Orchids for decorative purposes. An abundance of yellow flowers on long spikes. 4- to 5-inch pots.  
Plants: \$1.50 to \$3.00 each.

### CYPRIPEDIUM INSIGNE

Our stock of this popular Orchid is in very fine condition. The price quoted is for plants after flowering. For the Fall months when plants are in bud and flower, the value of these must be added.

5- and 6-inch pans, five to six growths, after flowering:  
\$1.50 to \$2.00 per plant.  
In bud or bloom: \$3.00 to \$4.00 per plant.

## Ornamental Plants

### ARAUCARIAS. Norfolk Island Pine

The Araucaria is a plant of remarkable symmetry. As the plant increases in height, it makes successive tiers of branches, producing a very striking effect. It is a valuable house plant, and one that is easy of cultivation.

#### *Araucaria excelsa.*

4-inch pots: 75c. each.  
5-inch pots: \$1.00 each.  
6-inch pots: \$1.25 each.

#### *Araucaria glauca.*

6-inch pots: \$1.75 each.

#### *Araucaria robusta compacta.*

7-inch pots: \$3.00 each.

### ASPARAGUS

*Asparagus plumosus nanus.* An excellent plant for table decorations, or for green to mix with cut flowers.

2½-inch: 10c. each, 75c. per doz., \$5.00 per 100.

3-inch: 15c. each, \$1.25 per doz., \$8.00 per 100.

4-inch: 20c. each, \$1.75 per doz., \$12.00 per 100.

*Asparagus Sprengeri.* Excellent for hanging baskets or for cutting. One of the best plants for window-box use.

2½-inch: 10c. each, 75c. per doz., \$5.00 per 100.

3-inch: 15c. each, \$1.25 per doz., \$8.00 per 100.

4-inch: 20c. each, \$1.75 per doz., \$12.00 per 100.

### FICUS. Rubber Plant

*Ficus elastica.* The well-known Rubber Plant.

5-inch: 60c. each.

6-inch: 75c. each.

*Pandanus Veitchii.* Very decorative plants for the house. Foliage green, broadly striped with creamy white. 6-inch: \$1.50 each.



Phoenix Roebelenii

## Palms

For decorative purposes and for conservatory plants Palms are among the most useful. They are very ornamental, their foliage is graceful, and no home or conservatory is complete without them. The Palms that we offer are all home grown and we are in a position to supply the best varieties.

*ARECA lutescens.* One of the most graceful of the Palms.

Foliage bright, glossy green, with rich, golden-yellow stems.

7-inch, 3 plants in a pot, 40 inches high: \$3.00 each.

*COCOS Weddelliana.* Slender; erect in growth with graceful, arching leaves. Admirably suited for center plants in Fern dishes.

3-inch: 25c. each.

*KENTIA Belmoreana.* One of the hardiest Palms in cultivation. They are of slow growth. Their foliage is hard and is less affected by the dry atmosphere of the house than other varieties. They are admirably suited for house culture. The variety here offered is of dwarf, spreading habit.

3-inch: 25c. each.

4-inch: 50c. each.

5-inch, 18 inches high: \$1.00 each.

6-inch, 24 inches high: \$1.50 each.

7-inch, 30 inches high: \$2.50 each.

7-inch, 36 inches high: \$4.00 each.

*KENTIA Forsteriana.* Similar in formation of leaf to *Kentia Belmoreana*, and with strong growth, making a taller plant.

4-inch: 50c. each.

5-inch, 24 inches high: \$1.25 each.

5-inch, 20 inches high (made up): \$1.25 each.

7-inch, 40 inches high: \$3.00 each.

8-inch, 40 inches high (made up): \$5.00 each.

*PHOENIX Roebelenii.* One of the most popular plants for room decoration. Of vigorous growth. Graceful recurving leaves, with narrow green pinnae. Similar to *Cocos Weddelliana*. It is as hardy as a *Kentia*.

6-inch: \$2.00 each.

7-inch: \$3.50 each.

8-inch, extra selected in tubs: \$5.00 each.



## ORNAMENTAL PLANTS—Continued

## FERNS

**ADIANTUM.** Commonly known as the Maidenhair Fern

**ADIANTUM Croweanum.** The hardiest of the Maidenhair Ferns and very suitable for home culture.

- 3-inch pots: 15c. each.
- 4-inch pots: 25c. each.
- 5-inch pots: 40c. each.
- 6-inch pots: 60c. each.
- 7-inch pots: 75c. each.

**ADIANTUM Farleyense.** The choicest of the Maidenhair Ferns, but one that requires greenhouse cultivation.

- 5-inch pots: \$1.25 each.
- 6-inch pots: \$1.50 each.
- 6-inch, selected: \$2.25 each. (Ready December 1st.)
- 6-inch, extra selected: \$3.00 each. (Ready December 1st.)

**ADIANTUM Farleyense gloriosa.** An easy-growing form of *Adiantum Farleyense*. The new variety has a stronger constitution, the fronds are hard, and it does not require the same conditions that are necessary to successful culture of *Adiantum Farleyense*. This variety should do well under ordinary conditions.

- 3-inch pots: 40c. each.
- 4-inch pots: 75c. each.
- 5-inch pots: \$1.25 each.

**CIBOTIUM Schiedeii.** A very desirable plant. Long, graceful fronds of light green. One of the most attractive Ferns.

- 7-inch pots: \$3.00 each.
- 8-inch pots: \$4.00 each.
- 8-inch pots, selected specimens: \$5.00 each.



*Cibotium Schiedeii*

**CYRTOMIUM Rochfordianum.** The new crested Holly Fern. Next to the Boston Fern, it is the most satisfactory plant for apartment use, and this new variety will quickly find a place as a decorative plant. Rich, glossy, dark green in color. The plant is beautifully formed.

- 6-inch: 75c. each.

## SMALL FERNS

We have an assortment of the five best varieties for Fern Dish work in combination with *Cocos Weddelliana*.

- 2-inch pots: 75c. per doz., \$5.00 per 100.

## NEPHROLEPIS.

## Boston Ferns

The most popular house plant and very widely used for interior decoration and porch work in the Summer, as they do well in partial shade.

**NEPHROLEPIS Bostoniensis.**

The original type, producing long, graceful fronds.

- 5-inch pots: 50c. each.
- 6-inch pots: 75c. each.
- 7-inch pots: \$1.25 each.
- 8-inch pots: \$2.00 each.

**NEPHROLEPIS Harrisii.**

Very similar to Boston Fern, but the plant is more compact in growth.

- 6-inch pots: 75c. each.
- 7-inch pots: \$1.25 each.

## POLYPODIUM

**Mandaianum.** This valuable new plant has been exhibited by the originator in America and Europe, and has met with universal recognition from the best horticultural experts. It is a free-growing plant, the fronds of which are of large size and wonderful keeping qualities. This new Fern is destined to become a useful and ornamental conservatory plant and a valuable addition to any collection.

- Strong plants, 6-inch pans: \$5.00 each.



*Adiantum Farleyense*



# Greenhouse Flowering Plants

In this section we are listing a few of the best known and most popular plants that are generally grown. With the exception of Bouvardia, which is usually grown in the bench, these plants are pot grown and are our finest conservatory and house plants.

## BEGONIAS

All Begonias will be shipped in paper pots.

**Glory of Cincinnati.** This variety is a strong grower, with large, heavy foliage. Its flowers are a beautiful shade of pink and carried well above the foliage. The accompanying illustration shows the general character of the plant when finished. As the foliage is heavy, the variety makes proportionately less leaves, and since the variety is propagated from leaf cuttings it will always remain in short supply. Reserve orders for Begonias for Spring are essential.

May and later delivery.

2¼-inch: \$4.00 per doz., \$25.00 per 100.

3-inch: \$5.00 per doz., \$35.00 per 100.

**Gloire de Lorraine.** Beautiful clear pink in color and a very profuse bloomer. It is similar in color to the Cincinnati, but it flowers in greater profusion; the foliage and flowers, however, are smaller. The illustration of a typical Lorraine just before Christmas shows its character.

May and later delivery.

2¼-inch: \$3.00 per doz., \$20.00 per 100.

3-inch: \$4.00 per doz., \$25.00 per 100.

**Florence Davenport.** A new Begonia of the Lorraine type which is considered by all who have seen it to be an improvement on both Lorraine and Cincinnati. It is compact in habit of growth and produces more flowers than Cincinnati. In color it is a brighter shade and the individual blooms are larger. The foliage is smaller than Cincinnati and not as brittle. It is one of the finest plant novelties of the year.

June delivery.

2½-inch: \$5.00 per doz., \$40.00 per 100.

3-inch: \$7.50 per doz., \$50.00 per 100.



Glory of Cincinnati



Gloire de Lorraine

**Gloire de Chatelaine.** This new pink Begonia, although belonging properly to the bedding type, makes an excellent pot plant for Christmas, its ease of culture being a strong point in its favor. The plants may be grown in pots like the Lorraine type, but we recommend growing them in the field or using them for bedding purposes through the Summer. Pot the plants up by September and cut the tops back hard. They will make good flowering plants for Christmas.

May and later delivery.

2¼-inch: \$1.50 per doz., \$10.00 per 100.

3-inch: \$2.00 per doz., \$15.00 per 100.

**Perle des Geneve.** A neat dwarf variety responding to the same culture as the preceding, but requiring a semi-shaded location when bedded out. The color, which is a bright coral red—the most attractive among the Begonias—combined with its compact habit, adapts it nicely to making up Christmas foliage or flowering pans.

May and later delivery.

2½-inch: \$1.50 per doz., \$12.00 per 100.

3-inch: \$2.50 per doz., \$18.00 per 100.



GREENHOUSE FLOWERING-PLANTS  
—Continued



Gardenias

### BOUVARDIA

These beautiful, star-shaped flowers are great favorites wherever grown. The single varieties are more profuse bloomers than the double. We offer only the single varieties in the three colors

—white, pink and red.

From 2¼-inch pots: \$1.00 per doz.,  
\$8.00 per 100.

### CYCLAMEN

In the growing of Cyclamen there are several very important things to consider. First, the character of the seed, and second, the condition of the plant when it reaches shipping size. After that, the finishing depends on the skill of the person in caring for it during the Summer months when partial shade and an abundance of ventilation are so absolutely necessary. Cyclamen must be kept clean from insects to insure success. When finished they are one of our finest house plants and continue in flower for a great length of time. We have used the best seed obtainable and our next Spring's plants are coming nicely. We hope to be able to send out as fine Cyclamen as we have previously. Our plants will be shipped in paper pots.

2¼-inch, for April and May: \$1.50 per doz., \$10.00 per 100.  
3-inch, for May and June: \$2.00 per doz., \$15.00 per 100.

### GARDENIAS

Our stock of Gardenia Veitchii, which is the best forcing variety, has been selected year after year with increased production and the health of the plant in view. Lovers of the Gardenia are everywhere, but success with their culture is a matter of training and experience. We shall have clean, healthy stock for Spring delivery.

2¼-inch: \$1.50 per doz., \$10.00 per 100.  
3-inch: \$2.50 per doz., \$18.00 per 100.  
3-inch, extra selected: \$3.00 per doz., \$20.00 per 100.





## Bedding Plants

The growing of Bedding Plants is one of our important specialties and a department is devoted solely to the production of a superior grade of plants for bedding out. No effort is made to present a comprehensive assortment, but the varieties offered will, we believe, include all those of recognized merit for Summer bedding. Delivery April, May, June and July.

### ABUTILON. Variegated Flowering Maple

Desirable ornamental-leaved plants for vase and window-box planting, edging and grouping.

**La Reine.** Foliage deep green with broad, silvery edge. Vigorous growth.

**Savitzii.** Foliage handsomely marked green and white.

This variety is used extensively for bedding and bordering.

From 3-inch pots: \$1.00 per doz., \$8.00 per 100.

From 2¼-inch pots: 75c. per doz., \$6.00 per 100.

### ACALYPHA

Magnificent ornamental-leaved plants, desirable for grouping and edging.

**Macafeana.** Cardinal red, bronze and chocolate; growth vigorous.

**Marginata.** Bronzy green edged carmine.

**Musaica.** Green, orange and red. A gorgeous blending of color. \$1.25 per doz., \$10.00 per 100.

From 3-inch pots: \$1.00 per doz., \$8.00 per 100, except where otherwise noted.

### ACHYRANTHES

**Biemuëlleri.** Light red, shading darker red at edge of the foliage. Medium height.

**Brilliantissima.** Light red; very brilliant. Dwarf, compact grower.

**Lindenii.** Clear, dark red foliage; tall-growing plant.

**Panache de Bailey.** A new and desirable variety of compact growth. Foliage green and yellow, crimson veinings. Predominating color yellow. A worthy companion to Brilliantissima.

**Formosa.** Yellow on light green background; vigorous growth.

From 3-inch pots: \$1.00 per doz., \$8.00 per 100.

From 2¼-inch pots: 75c. per doz., \$6.00 per 100.

### AGERATUM. Floss-Flower

One of the freest-flowering bedding plants, giving best results in a light and not too moist soil.

**Perfection.** A more moderate growing variety; the deepest blue in color.

**Princess Pauline.** A combination of blue and white in the same flower.

**Stella Gurney.** Bright blue; vigorous growth.

From 3-inch pots: 10c. each, \$1.00 per doz. of a variety, \$8.00 per 100.

From 2¼-inch pots: 10c. each, 75c. per doz. of a variety, \$5.00 per 100.



## BEDDING PLANTS—Continued

## ALTERNANTHERA

Bright foliage plants of dwarf habit. Used extensively for edging and design bedding.

**Aurea nana.** Bright yellow foliage; the most compact and the best variety in its color.

**Brilliantissima.** A valuable new Alternanthera, red and yellow in color with broad leaf. Strong grower.

**Jewel.** A comparatively new variety of vigorous growth; red, shading to crimson, with yellow markings.

**Paronychioides.** A most desirable kind of dwarf habit; orange red and crimson, shaded green.

**Versicolor.** Olive, crimson and chocolate; strong, erect growth.

From 3-inch pots: 75c. per doz., \$6.00 per 100.

From 2½-inch pots: 60c. per doz., \$4.50 per 100.

## ANTIRRHINUM. Snapdragon

**Silver Pink.** A new and greatly improved variety for either bedding or forcing. Bright, silvery pink. Grown from cuttings only from the originator's stock.

\$1.25 per doz., \$10.00 per 100.

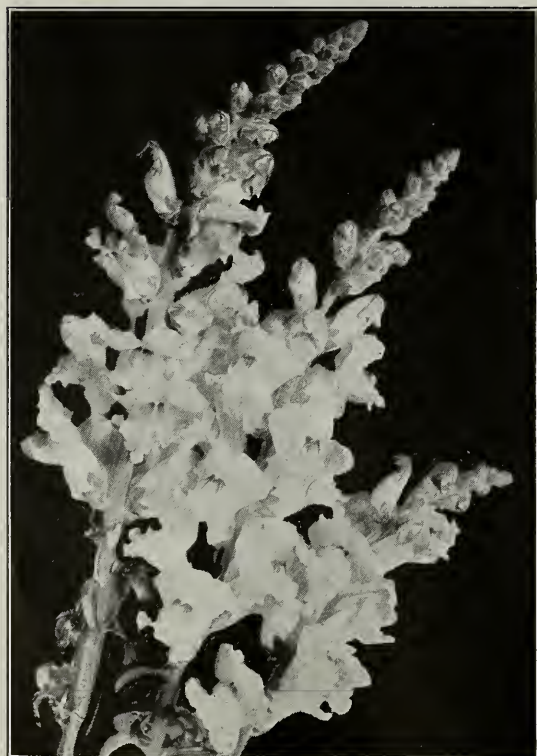
**Tall Strain.** In separate colors: White, Yellow, Pink, Red, or Mixed.

\$1.00 per doz., \$6.00 per 100.

## ASTERS

The Asters are undoubtedly the most popular of the annual plants for the combined purpose of bedding and cutting. We offer the most desirable types—the Comet, which will flower in Midsummer, and the Late Branching, a fine, free-growing type that will flower during Autumn. In separate colors: White, Pink, Crimson or Deep Blue.

Strong plants: 40c. per doz., \$3.00 per 100.



Antirrhinum



Mrs. F. Sander

## BEGONIA. Semperflorens Type

We cannot recommend the varieties offered here too highly for refined bedding effects. They are equally effective in semi-shade or full sun. The bronze foliage combines beautifully with the freely produced flowers, which are always bright and effective in appearance.

**Erfordia, Red.** Bright vermillion; foliage deep red. A fine bedder and an attractive pot plant.

**Erfordia, Pink.** A more compact bedding form of the foregoing variety.

**Luminosa.** Brilliant, fiery, dark scarlet; an excellent kind for bedding or pot culture.

**Perle des Geneve.** (New.) A neat, dwarf-growing variety of the Bijou type, but a vast improvement, providing an ideal border for the larger kinds. Color bright red. An excellent pot subject. (See Greenhouse Plants.)

2½-inch: \$1.50 per doz., \$12.00 per 100.

3-inch: \$2.50 per doz., \$18.00 per 100.

**Vernon.** A grand bedding kind, with deep red flowers and glossy bronze-red leaves.

**Semperflorens, Pink.** A beautiful shade of pink.

**Semperflorens, White.** Waxy white, glossy green leaves.

From 3-inch pots: \$1.00 per doz., \$8.00 per 100.

## CALADIUM. Elephant's Ear

**C. esculentum.** An effective plant for massing and bordering in connection with sub-tropical effects, and equally desirable for lawn planting. Enormous rich green leaves.

\$2.50 per doz., \$18.00 per 100.

Plants from 4-inch pots for Spring delivery: 15c. each, \$1.50 per doz., \$12.00 per 100, except where otherwise noted.

## CHRYSANTHEMUM. Marguerite, or Paris Daisy

**Mrs. F. Sander.** This is, without question, one of the finest introductions of recent years among flowering plants. The flowers are pure glistening white, are very double, and will measure between four and five inches across.

It is an excellent plant for bedding and is undoubtedly the best flowering plant for use in vases and window-boxes; also a grand pot plant and most desirable for cutting.

Strong plants from 3-inch pots: 15c. each, \$1.50 per doz., \$10.00 per 100.



## BEDDING PLANTS—Continued

## CANNAS

## PRICES

Strong plants from 3-inch pots: 15c. each, \$1.25 per doz., \$8.00 per 100, except where otherwise noted.

**Buttercup.** Deep canary yellow; very free flowering and one of the best bedders. Three feet.

**Carl Lutz.** This new Canna may be described as a green-leaved, yellow-flowering King Humbert. The immense deep yellow flowers are borne erect on heavy, vigorous stems in striking contrast with the massive dark green foliage. A most desirable variety for group effects, and a decided advance on all other yellow-flowering Cannas. Four and one-half to five feet. 50c. each, \$5.00 per doz.

**Florence Vaughan.** Rich, golden yellow, thickly spotted with bright red. Five feet.

**Gladiator.** The color is yellow, spotted with red. A strong, vigorous grower, with fine green foliage and large heads of flowers that stand the storms and sunshine better than any other Canna. It blooms continually and is one of the finest varieties we offer. Five feet.

**Hungaria.** An ideal pink bedding Canna. Trusses large and well formed. The color may be likened to that of the Paul Neyron Rose. One of the most attractive new Cannas. Three and one-half feet. 40c. each, \$4.00 per doz.

**J. D. Eisele.** Bright vermillion scarlet, overlaid with orange. A fine bedder. Three and one-half feet.

**Mme. Crozy.** Popular and valuable; orange-scarlet flowers, edged with bright golden yellow. Four feet.

**Mlle. Berat.** The nearest approach to a true pink, and a free-flowering variety. On account of its vigorous growth it is a useful Canna for forming backgrounds and massing. Five feet.

**Meteor.** (*Winter's.*) As a bedder this new variety is without question the most conspicuous and dazzling of all the red varieties and by far the most prolific. The flowers—bright crimson—combined with the vigorous, healthy foliage form a brilliant combination which, with the free-flowering habit of the plant, establishes this variety at once as one of the most desirable Cannas for bedding and massing. Five feet. 25c. each, \$2.50 per doz.

**Mrs. A. F. Conard.** Its exquisite salmon-pink flowers are of largest size in erect and abundantly furnished heads, so freely produced as to keep a superb showing for months above the rich green foliage. Four feet.

**President McKinley.** Deep rich crimson flowers; beautifully formed. A compact grower; green foliage. Three feet.

**Queen Charlotte.** Rich pomegranate red, bordered with bright golden yellow. Four feet.

**Richard Wallace.** Canary yellow; large flowers freely produced. One of the best and most effective varieties for bedding. Four and one-half feet.

**Rubin.** Glowing ruby-carmine flowers, produced in profusion; one of the best for bedding; bronzy-green leaves. Four feet.



King Humbert

**Venus.** The color is a gay rosy pink, with a mottled border of creamy yellow. Blooms splendidly, with erect heads; the flowers are always bright and clean in appearance, as the old petals drop off as fast as the new ones appear. An attractive and popular variety. Four feet.

## ORCHID-FLOWERING CANNAS

**Austria.** Pure golden yellow; flowers six to seven inches across; a vigorous grower. Five feet.

**King Humbert.** Has flowers as large as the largest of the Orchid-flowering Cannas. Bright orange scarlet, streaked with crimson. Foliage is bronze with brownish-green stripes; thick and leathery; strong, robust grower. Four to five feet.

**Louisiana.** The plant is a vigorous grower, producing a thick mass of glossy green foliage; its flowers are often more than seven inches across and every inch a vivid scarlet. It blooms tremendously, often four or five stalks flowering at once. Seven feet.

**Pennsylvania.** The flowers are pure, deep scarlet of immense size. A most excellent sort. Six feet.

**Wyoming.** One of the most majestic Cannas. Blossoms orange colored; true Orchid shape, with large, rounded petals. Five feet.





An Ornamental Planting of Coleus in Elizabeth Park, Hartford, Connecticut

#### BEDDING PLANTS—Continued

### Coleus

The varieties offered here are selected as the best for bedding purposes from an extensive assortment and can be absolutely relied on to give satisfaction.

**Beauty of Lyon.** A combination of yellow and red. Very beautiful bedding variety.

**Beckwith's Gem.** Center velvety maroon, bordered with red; the edge green, changing to a creamy yellow at the point of the leaf.

**Duneira.** A magnificent Coleus. A fine, showy bedder, standing the sun as well as *Verschaffeltii*. In color it is a combination of various shades of crimson.

**Firebrand.** Bright maroon.

**Golden Bedder.** Golden yellow; the old original, true to name.

**Golden Queen.** Standard yellow.

**Lord Alverstone.** Velvety plum, with yellow, green and pink markings. A handsome combination and a constitution that will resist sun-scald and drought.

**Lord Palmerston.** A beautiful variety that immediately commands admiration. Deep maroon center, with dark crimson veination.

**Queen Victoria.** Cardinal red, with distinct golden border.

**Verschaffeltii.** Standard crimson.

**Anna Pfister.** Bright yellow, marked crimson. Neat and compact in growth; very desirable for dwarf edging or carpet bedding.

**John Pfister.** Crimson. Same description as above, except as to color.

#### Fancy Varieties

**Blizzard.** Deep maroon, edged with green.

**Brilliancy.** A combination of red and gold.

**Hurricane.** Light reddish center, mottled with maroon. Edge of leaf green.

**Messey.** Dwarf; pearl white and silver green.

**Neptune.** Green with mottling of red.

**Prince Edward.** Reddish center, shading deep crimson. Edge of leaf green.

**Saboni.** Red, with faint edging of yellow.

From 2¼-inch pots: 50c. per doz., \$4.00 per 100.

From 3-inch pots: 75c. per doz., \$6.00 per 100.

#### CENTAUREA

**Gymnocarpa.** Fine-cut, gracefully-drooping, silvery-gray foliage. An excellent subject for bordering Cannas, Geraniums, Salvia, etc., or for filling window-boxes and vases. The best variety; can be sheared.

From 3-inch pots: 10c. each, 75c. per doz., \$6.00 per 100.

#### DRACAENA INDIVISA

This variety of *Dracaena* is used extensively as a center plant for vases and for porch and window-boxes. It will stand full exposure to the sun and its long, graceful, narrow leaves make a beautiful contrast with other plants.

25c., 50c. and \$1.00 each, according to size.



## BEDDING PLANTS—Continued

## Geraniums

The list offered below includes the cream of the bedding kinds and are selected from an extensive collection as the best for this purpose.

## NEW VARIETIES

**American Beauty.** Semi-double, of the purest American Beauty color. It is so distinct that no difference can be detected in the color of an American Beauty Rose. The only Geranium of its color ever introduced. It flowers freely the entire season. It grows compact, medium dwarf, of stately shape, with lustrous green foliage, slightly corrugated with a brownish circle. It produces gigantic flower heads very freely the entire season. We claim it to have larger flower heads than any other variety of its kind. The individual blooms measure  $2\frac{3}{4}$  inches across and have as many as eight fully opened, gigantic flower spikes and several half open and more in bud in eight-inch pots.

25c. each, \$2.50 per doz.

**Helen Michell.** Semi-double, of the clearest possible shade of scarlet. Is early in bloom and flowers very freely during the entire season. It grows compact, medium dwarf, with lustrous green foliage and throws up gigantic flower heads very freely. We claim it to have the largest flower heads of any of the bedding Geraniums. The individual blooms measure two and one-half inches across. It is a common occurrence that a single four-inch pot plant shows four fully open gigantic flower spikes, several half open and more in bud. To compare it with some of the best known commercial scarlet varieties, will simply state that it is, in the opinion of experts, a decided improvement on Alphonse Ricard, for years the best scarlet variety.

25c. each, \$2.50 per doz.

**Paul Crampel.** Single flower; a dazzling shade of vermillion scarlet. Deep, rich green, distinctly zoned foliage; vigorous



Helen Michell

but compact in habit and extremely free. One of the most striking and effective bedders we have.

25c. each, \$2.50 per doz.

**Scarlet Bedder.** A new bedding variety of great merit. Bright scarlet in color and very free flowering. May be described as a brighter and more compact counterpart of S. A. Nutt.

25c. each, \$2.50 per doz.

## OLDER VARIETIES

## RED

**Alice Raymond.** Double, light red flower, with lighter eye at the center. Excellent variety.

**Alphonse Ricard.** Bright vermillion scarlet, large florets and immense trusses. Without doubt the finest bedding variety in its color.

**Edmond Blanc.** One of the most handsome and brilliant Geraniums in the cerise shade. The color is bright carmine, shaded around the white eye and on upper petals with bright scarlet. Flowers are perfectly formed, borne in large trusses, blooming freely the entire season; attractive and beautiful bedder, having a strong constitution.

**Marvel.** Very strong in growth; an excellent bedding variety. Deep red in color. Flowers very double.

**S. A. Nutt.** Considered to be one of the best dark red Geraniums and is more generally used both as a pot plant and for bedding than any other kind. The color is a handsome, dark velvety scarlet, with maroon shading; a vigorous, compact grower, with a clean, healthy constitution.



S. A. Nutt



## BEDDING PLANTS—Continued

## GERANIUMS—Continued

## SALMON

**Beaute Poitevine.** A great favorite and conceded to be one of the best of the semi-double bedders among the light salmon shades; the color is a beautiful shade of pink delicately shading to white; the flowers are large, splendid trusses; a most profuse bloomer the entire season.

**Mme. Landry.** One of the choicest and handsomest of the Bruant type; very free and constantly in bloom; the flowers are large and borne in enormous trusses. The color is a brilliant shade of apricot salmon, shading to copper, with white eye; in habit it is robust, semi-dwarf and vigorous.

## WHITE

**Comtesse de Harcourt.** Pure white flowers, with beautiful florets and enormous trusses, which stand the sun well; perfect habit; deep, rich green foliage.

## PINK

**Berthe de Presilly.** A most beautiful shade of silver rose pink of exquisite brightness; the flowers are full and of perfect form; trusses large and freely produced; the habit is dwarf, robust and branching; a fine bedder and excellent pot plant.

**Mme. Jaulin.** Very large flowers, produced in enormous trusses; color peach pink, surrounded by a white border; unparalleled for beauty and freshness; habit dwarf, vigorous and compact; broad, deep zoned foliage. One of the best in this class.

**Miss F. Perkins.** A constant bloomer with well-formed flowers, produced in large clusters; the color is a charming shade of deep rose, shading to a clear white center. Splendid habit of growth; strong constitution, standing our extreme climatic conditions in excellent shape. A favorite bedder.

**Paul Blonden.** Semi-double flower, clear pink in color, with a white eye at the center.

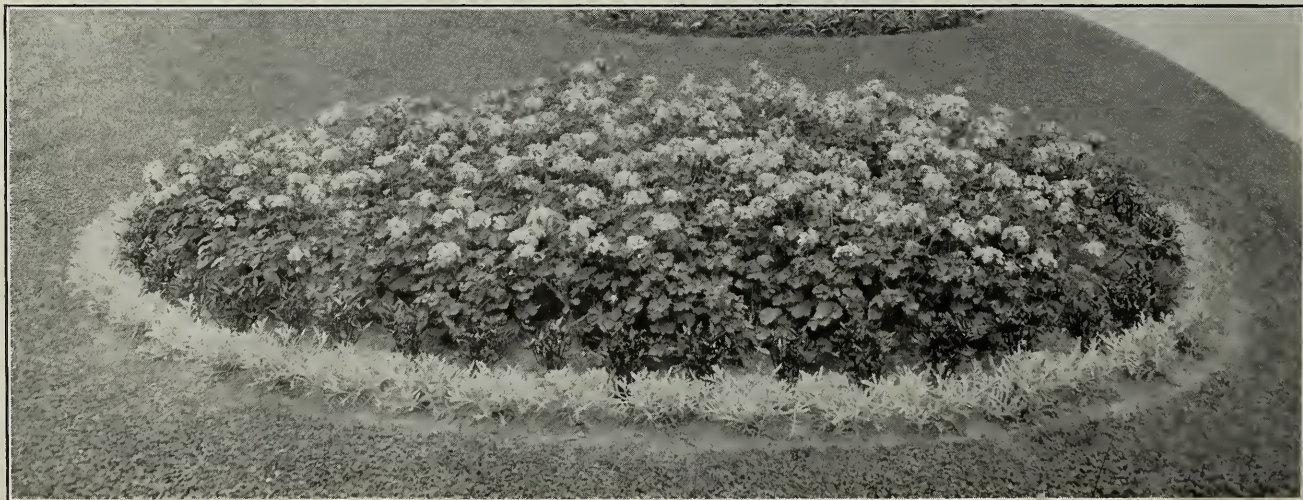
3-inch pots: 10c. each, \$1.00 per doz. of a variety, \$8.00 per 100.  
4-inch pots: 15c. each, \$1.50 per doz. of a variety, \$12.00 per 100.



Beaute Poitevine

**Mrs. Annie Vincent.** An exquisite shade of the brightest carmine, each petal somewhat maculated white at the base so that the flowers are almost incomparable in their brightness and freshness; handsome, large, and beautifully formed semi-double flowers, borne in enormous trusses, abundantly produced the entire season. Habit semi-dwarf and robust.

**Thos. Meehan.** Very deep pink in color; heavy, double flower; very strong grower.







BEDDING PLANTS—Continued

**GOMPHRENA****Globe Amaranth, or Bachelor's Button**

**G. rubra.** An old-fashioned favorite and an excellent plant for bedding, window-boxes, etc. The flowers are everlasting in character and may be cut and kept through the Winter: Flowers are deep red and resemble clover heads. 3-inch: 10c. each, \$1.00 per doz., \$8.00 per 100.

**HELIOTROPE**

The fragrant Heliotrope is a universal favorite for bedding purposes or for growing in pots. It delights in a rich soil and rather moist conditions. The following varieties are of the heavy trussed type and will not develop the weedy growth peculiar to the old-fashioned kinds during the latter part of the season. We suggest *Santolina incana* as a harmonious border for the Heliotrope bed.

**Centefleur.** Rich, deep violet blue, with white eye; flowers large; free and very vigorous. A very desirable variety.

**La Duse.** A mammoth-flowering kind, bearing enormous, deep blue trusses; very free flowering. An unusually fine bedding variety.

**Madam Lederle.** A compact, dwarf-growing variety; very free flowering. The deepest blue in color; very effective.

Plants from 2 $\frac{1}{4}$ -inch pots: 10c. each, 75c. per doz. of one variety, \$5.00 per 100.

Plants from 3-inch pots: 10c. each, \$1.00 per doz. of one variety, \$8.00 per 100.

**"Tree" or "Standard" Heliotrope.** Large plants grown on stems two and one-half or three feet in height, forming miniature trees. Very desirable for conservatory decoration or forming center pieces in flower beds.

50c., 75c. and \$1.00 each.

**GERMAN IVY**

A trailing vine, not hardy. Valuable for vase work and window boxes.

3-inch pots: 10c. each, \$1.00 per doz.

**IPOMOEA. Moon Vine**

**I. noctiflora.** A rapid-growing vine that bears fragrant, pure white, silky flowers abundantly, opening at night and during dull weather. Our stock is the large-flowering type and is grown from cuttings, not seeds, and therefore true.

3-inch pots: 15c. each, \$1.25 per doz.

4-inch pots: 25c. each, \$2.00 per doz.

**LANTANAS**

Excellent bedding subjects, doing best when fully exposed to the sun. The orange and yellow shades so effective in bedding are found in the Lantanas only.

**Crusalis.** A beautiful, free-flowering, semi-dwarf variety; pure golden yellow. The best in its color.

**Eole.** Yellow, shading to bright rose.

**Radiation.** Plant semi-dwarf; brilliant red, with orange-yellow center.

**Reve Poitevine.** A semi-dwarf variety; rose-colored flowers, with white center.

**Snow Queen.** Dwarf variety; snow-white bloom.

**Ultima.** Pure golden yellow.

Plants from 3-inch pots: 10c. each, \$1.00 per doz. of one variety, \$8.00 per 100.



## BEDDING PLANTS—Continued

## PENNISETUM

These graceful, ornamental grasses are decidedly essential when bedding is carried out to any extent. They are particularly effective when used for bordering Canna groups, in mixed borders, or for forming stately groups in themselves.

**Cupreum.** A new variety of great merit; dark, coppery bronze; graceful, tawny crimson plumes. A magnificent decorative grass. The best bronze variety.

20c. each, \$2.00 per doz., \$12.00 per 100.

**Longistylum.** Handsome greenish-white plumes, drooping gracefully; an attractive border for Cannas.

10c. each, \$1.00 per doz., \$6.00 per 100.



Pennisetum

## PETUNIA

The most satisfactory of all the annuals for bedding, window-boxes and vases. They commence flowering early and continue until killed by frost; not at all particular as to soil.

**Double White.** A free-flowering, sweetly fragrant variety; erect growths. The best double for bedding.

15c. each, \$1.25 per doz., \$8.00 per 100.

**Rosy Morn.** Soft pink with white throat; a dainty and most effective color.

75c. per doz., \$5.00 per 100.

**Single Mixed.** An assortment of bright colors.

75c. per doz., \$5.00 per 100.

## SALVIA. Scarlet Sage

This most gorgeous and effective bedding subject is by all means the most conspicuous and useful of the late Summer flowering annuals. It produces its showy scarlet spikes in the greatest profusion from July until frost and seems to be equally at home whether massed on the lawn, planted in borders, or mixed indiscriminately among shrub groupings. The cut spikes are much used for bouquets and Fall decorations.

**Bonfire.** A compact variety growing to a height of about two feet. Heavy flower spikes of brightest scarlet.

**King of the Carpet.** Medium dwarf; bright, large trusses; very fine.

**Splendens.** A tall-growing variety; immense flower spikes of dazzling scarlet.

**Zurich.** An extremely free-flowering, dwarf variety. The plants commence to bloom early and continue until checked by frost. Very bright scarlet.

Plants from 3-inch pots: 10c. each, \$1.00 per doz. of one variety, \$8.00 per 100.

Plants from 2¼-inch pots: 10c. each, 75c. per doz. of one variety, \$5.00 per 100.

## SANTOLINA

**S. incana.** A compact-growing plant, with dense, silvery gray foliage, growing to a height of one foot. Excellent for design bedding or edging.

From 3-inch pots: 10c. each, \$1.00 per doz., \$8.00 per 100.

## STEVIA

**S. variegata.** A strong-growing, cleanly, variegated green and white variety that is invaluable for edging and bordering. It will grow to a height of twenty-four to thirty inches, but can be kept trimmed to any desired height. Makes a strong, showy border for such bedding plants as Geraniums and looks well when used with S. A. Nutt or similar color.

From 3-inch pots: 10c. each, \$1.00 per doz., \$8.00 per 100.

From 2¼-inch pots: 10c. each, 75c. per doz., \$5.00 per 100.

## VINCA. Madagascar Periwinkle

A free-flowering bedding annual that will prove effective under difficult conditions, growing well in situations too exposed for the majority of bedding plants. Always showy and attractive.

**Alba.** White, crimson eye.

**Alba pura.** Pure white.

**Rosea.** Attractive rose pink; dark eye.

10c. each, \$1.00 per doz., \$6.00 per 100.

**Vinca variegata.** The "Trailing Vinca" used so extensively in filling window-boxes, baskets, etc. Also an excellent pot vine.

Strong plants from 3-inch pots: 15c. each, \$1.50 per doz.

Strong plants from 4-inch pots: 25c. each, \$2.50 per doz.



## BEDDING PLANTS—Continued

## GLADIOLI

Gladioli are among the most popular of the garden plants and are easy of culture. Continuous effect with these can be had by successive plantings, beginning as soon as the ground is in condition to work in the Spring, and continuing at intervals until June. For mass effects, planting in beds is advisable, but when grown for cutting, single rows twelve inches apart and the bulbs from three to four inches apart in the rows will give satisfaction. A soil that is medium light will give good results. The bulbs may be Wintered in a cellar that is kept above frost, much as potatoes are stored, and will flower in successive seasons.

The list of varieties which we offer are the choicest known. Many of them are new, but are chosen by us because they show the improvement that has come in recent years and are the best varieties obtainable. All prices quoted are for bulbs of flowering size.

**America.** Conceded to be the most popular variety in existence, and the most widely grown. The flowers are a dainty soft pink in color, borne on spikes from two to three feet in length. For general use this variety cannot be too highly commended.

50c. per doz., \$3.00 per 100.

**Augusta.** Pure white in color, with blue anthers. It produces long, straight spikes, often with several branches.

50c. per doz., \$3.00 per 100.

**Baron Hulot.** Flowers of medium size on good, straight spikes. In color a dark violet, bordering on purple. The finest of its color and a very attractive and showy variety.

\$1.25 per doz., \$6.00 per 100.

**Brenchleyensis.** Vermilion scarlet and very desirable, owing to its brilliant color. It is one of the finest for the garden and for mass planting. One of the oldest and most popular.

50c. per doz., \$2.50 per 100.

**Canary Bird.** A very fine light yellow Gladiolus that will add variety to the collection.

\$1.25 per doz., \$7.50 per 100.

**Dawn. (Tracy.)** Beautiful shell pink flowers, borne on long, graceful spikes. It is a wonderful keeper and is one of the best of the newer varieties.

60c. each, \$6.00 per doz.

**Glory. (Kunderd.)** The buds are a soft, creamy tint, edged with pink, which changes as the flower expands to white, suffused with lavender; lower petals buff, with crimson stripe; the throat is penciled with buff and crimson. Spikes are straight and long and bear from twelve to twenty blossoms.

\$1.25 per doz., \$7.50 per 100.

**Hollandia.** Very tall-growing spikes. Flowers a charming shade of pink, tinted with yellow.

50c. per doz., \$2.50 per 100.

**Mrs. Francis King.** Large scarlet flowers of graceful form, borne on a spike that is tall and straight. It is one of the most popular varieties and most effective for garden use. Excellent for cutting.

50c. per doz., \$3.00 per 100.

**Mrs. Frank Pendleton.** This truly magnificent variety is comparatively new. The flowers are exceptionally beautiful. Soft, rich pink in color, shading to a darker tint in contrast to a brilliant carmine patch on the lower petal. It is a striking variety and one that you will admire.

50c. each, \$5.00 per doz.

**Panama.** In this new variety we have a counterpart of America, from which it is a seedling, in all respects except the color, which is a much deeper and richer pink.

50c. each, \$5.00 per doz.

**Peace.** The finest white variety ever offered. The flowers are large and of good form, borne on a heavy, straight spike. The beauty of these flowers is enhanced by a delicate feathering of pale lilac on the inferior petals.

25c. each, \$2.00 per doz., \$15.00 per 100.

**Princepts.** Rich crimson, deeper shading at throat and large white blotches on lower petals. Magnificent flowers for size and beauty.

\$1.50 per doz., \$10.00 per 100.

**Wild Rose.** In color a very bright rose that is exceedingly delicate and beautiful. One of the choice varieties that is gaining popularity and which will be widely grown.

\$1.50 per doz., \$10.00 per 100.



America



## Dahlias

We offer a select list of good, reliable Dahlias in green or growing plants, from pots only. It is generally acknowledged that growing plants are more satisfactory than divided tubers, which are uncertain in starting into growth. Green plants will flower earlier, producing larger and better blooms. Exhibition growers usually depend on these green plants for their very best flowers. By the end of the season the plants will have made strong tubers which should be taken up and divided before being planted out again.

### NEW DAHLIAS AND VARIETIES OF SPECIAL MERIT

|  | Each                   |
|--|------------------------|
| <b>Andrew Carnegie.</b> (Pæony.) Bright, rosy flesh, shading to pale flesh at extremes of petals, brightly suffused golden amber.....  | \$3.50 per doz. \$0.35 |
| <b>Baker's White.</b> A fine, free-flowering, pure white; of excellent form.....   | .25                    |
| <b>Cæcelia.</b> (Pæony.) Creamy white; very large, showy flowers. A fine new variety.....  | .75                    |
| <b>Dr. Peary.</b> (Pæony.) Very dark velvet mahogany; the darkest in this section.....   | 1.00                   |
| <b>Geisha.</b> The most striking and attractive of this type; large, curiously twisted petals. Color, orange-red, overlaid with golden yellow, suffused scarlet at the base of petals; very fine.....        | .50                    |
| <b>H. J. Lovink.</b> (Pæony.) White, shaded lilac; excellent form; long stems.....   | .75                    |
| <b>Le Grand Manitou.</b> (Decorative.) Color lavender-white mauve, striped violet red; immense flowers, carried on long stems well above the foliage. The largest decorative in cultivation. Extra good..... | .75                    |

### DECORATIVE AND SHOW DAHLIAS Standard Varieties

|  |     |
|--|-----|
| <b>Black Prince.</b> (Decorative.) Nearly black; a fine formed, large flower carried on a good stem..... | .15 |
| <b>Cuban Giant.</b> (Show.) Enormous ball-shaped blooms of bright maroon; free and vigorous.....         | .20 |
| <b>David Johnston.</b> (Show.) Salmon, shaded rose; strong stems.....                                    | .20 |



Delice



Dr. Peary

|  | Each   |
|--|--------|
| <b>Delice.</b> (Decorative.) Beautiful soft, yet vivid shade of rose pink; large flowers of perfect form carried well above the foliage on heavy, erect stems. A fine Dahlia for cutting or garden decoration..... | \$0.25 |
| <b>Dreer's White.</b> (Show.) A pure, glistening white flower, with finely quilled petals. Very free and not difficult to grow.....  | .25    |
| <b>Eugene Mazard.</b> (Show.) Yellow, edged and tipped red; a fine, showy flower.....  | .20    |
| <b>Grand Duke Alexis.</b> (Show.) Large, massive flowers, ivory white tinged lavender. One of the best....   | .20    |
| <b>Jack Rose.</b> (Decorative.) Brilliant crimson red, similar to the popular Jack Rose which suggested its name. An ideal variety for cutting or garden decoration.....   | .25    |
| <b>Mme. E. Polette.</b> (Show.) Light fawn, shading to a soft, light red, beautifully blended. A full, showy flower.....   | .20    |
| <b>Mme. H. Furtado.</b> (Show.) Large, pure white flowers on strong stems; very free.....  | .25    |
| <b>Mme. Jeanne Charmet.</b> (Decorative.) Bright rose pink, suffused with white, tinted lilac. One of the finest garden varieties and excellent for cutting....  | .25    |
| <b>Mrs. Roosevelt.</b> (Decorative.) Fine shade of delicate rose pink. Flowers are large, carried on stout, long stems. Very free.....   | .25    |



## DAHLIAS—Continued

- Prof. Faucet.** (Show.) A novel combination of colors; Each deep lilac, striped with chocolate. A good novelty variety.....\$0.25
- Queen Victoria.** (Show.) Attractive light yellow; very free and popular..... .25
- Rebecca.** (Fancy.) Lilac, striped crimson. Shell-shaped petals.
- W. W. Rawson.** (Show.) Large, perfect flowers, borne gracefully on stiff, erect stems. Color pure white, overlaid amethyst blue. Very free and of excellent form..... .25
- Marguerite Bouchon.** (Cactus.) One of the most beautiful Dahlias yet introduced. Color a magnificent shade of brilliant soft rose, with large white center and prominent white tips. Perfect form and strong stems, carried well above the foliage..... .75
- Mlle. Marguerite des Blanc.** (Decorative.) A very large, fluffy flower of the purest white. A splendid variety..... .25
- South Pole.** (Pæony.) A pure white of excellent form; very fine..... .50
- Surpasse Colosse.** (Decorative.) Somewhat resembles Le Colosse, but is deeper in color and carries the flowers more erect. A good improvement..... .35

## CACTUS DAHLIAS. Standard Varieties

- Comet.** Delicate lilac, penciled and spotted tyrian rose. A grand fancy variety..... .25
- Countess of Lonsdale.** Rich salmon, tinted apricot; an unusual and attractive combination. In perfection, size, freedom of bloom, and habit of growth, this variety cannot be compared..... .20
- Dainty.** Bright yellow, overlaid and tipped soft pink. An exquisite, free-flowering variety..... .25



Marguerite Bouchon



W. W. Rawson

- Earl of Pembroke.** Deep purple, shaded maroon. Each Large flowers of exquisite Cactus form.....\$0.15
- Else.** A charming combination of colors, including amber, Buttercup yellow and tyrian rose. Very free and attractive..... .20
- J. H. Jackson.** Vivid crimson maroon; large, perfect flowers of excellent form; early and free. The finest dark Cactus variety..... .20
- Lovely Eynsford.** A lovely and distinct amber-colored shade; very attractive..... .35
- Sunset.** Deep, rich orange, suffused red; flowers of medium size, carried on good stems..... .25

## POMPON DAHLIAS

- Belle of Springfield.** The smallest Dahlia in cultivation; neat, brick-red flowers, produced in the greatest profusion.
- Catherine.** Primrose yellow; fine form.
- Elsie.** The very daintiest possible pink. Fine.
- Eunice.** Lavender, with white shading. A very desirable color.
- Gretchen.** Blush white, with light rose tips.
- Gruss an Wein.** A very compact flower of fine form; crushed strawberry.
- Jessica.** Yellow amber, edged red; quite attractive.
- Little Mabel.** Deep lilac; very fine.

Any of the above Pompons: 15c. each, \$1.50 per doz. of one variety.





## The Perennials

### HOW, WHEN, WHAT TO PLANT—AND THEIR CARE

A perennial plant is one which is hardy. It dies down with the approach of Winter, reappearing with the coming of Spring to again bloom forth in greater profusion and with added vigor. This, the nature of perennials, is usually understood, but it sometimes happens that they are planted with the misconception that when once planted they are perfectly able to take care of themselves for all time. As a result, we witness a rather emphatic demonstration of "the survival of the fittest." In your hardy border "the fittest" must be kept within its allotted bounds and divided as often as necessary if you wish results from the entire planting.

Strong-growing kinds such as Phlox, Boltonia, Achillea, Hardy Aster, Chrysanthemum, Rudbeckia, etc., should be taken up every second year, divided, and planted in renewed soil; Japanese and German Iris, Poppies, Hemerocallis, Funkia and so on, every third year, and the smaller growing kinds as often as their condition warrants it.

### HOW TO PLANT

In the preparation of the border the soil should be dug to a depth of eighteen inches—more if it is practicable—and the soil well pulverized and enriched with well decomposed stable manure, to which a good sprinkling of coarse bone meal might be added to advantage. The preparation should be completed some time before the arrival of the plants, permitting the soil to become somewhat settled.

With the plants on hand, the surface can be loosened up with a rake and the plants spaced out properly before any planting is attempted. The actual arrangement of the groups must, of course, be a matter of personal taste, but the matter of height should be kept in mind. Keep the tall-growing kinds in the rear or background, tapering the planting down to the foreground with the dwarfer kinds, avoiding a stiff, unnatural arrangement by departing from this rule, permitting an occasional group or plant to stand clear of its neighbors. The Pæony makes an excellent specimen plant for this purpose.

Planting can usually be done with a trowel, making the holes large enough to receive the plants comfortably. If dormant, the plants should be set just deep enough to cover the crowns. Pot-grown plants should be set deep enough to cover the ball of soil from one to three inches, according to their size. The soil, when replaced, should be well firmed, forming a slight depression or saucer around each plant to retain sufficient water, which should be applied generously but not too forcibly. In a day or two the surface should be sufficiently dry to permit raking level, when each plant should get a final firming.



## WHEN TO PLANT

Spring is the season usually selected for planting operations and is undoubtedly the safest time to plant. The one objection to Spring planting is that if it is not completed in the first early days, the plants having started, are apt to either die or appear sickly and unattractive throughout the season. As it is not always convenient to plant early in the season we overcome any risk attached to later planting by potting practically all of our perennials (which have grown in the field during the Summer) in early Fall, wintering them over in coldframes. We can supply well-established plants, each with a ball of soil, as late in the season as it is practicable to plant.

## WHAT TO PLANT

The selection of varieties to plant will depend largely on their location. If a single group or bed is desired, it will be better to make the planting individual in character and plant only one kind—Sweet William, Canterbury Bells, Hollyhock, Delphinium, or whatever seems appropriate. If an old-fashioned mixed border planting is desired, the most satisfactory arrangement would be to group several plants of a kind together, making the groups in proportion



Anemone Japonica

The best Winter protection for the border would be a cover of two or three inches of stable litter applied in early November, and for the more tender kinds an additional covering of leaves, which should be removed gradually in the early Spring.

to the border. Select varieties that will flower at various seasons, rendering the border attractive and interesting throughout the season.

## CARE OF THE BORDER

During the Spring months the border should be cultivated frequently to dispose of the weeds and provide the best possible growing conditions. As the hot Summer months come on, the border should be mulched with an inch or two of stable litter, and the plants watered frequently. The old flower stems should be cut down from time to time, not only as a matter of appearance, but to induce an additional crop of flowers on those that are disposed to flower again—the Delphinium, for instance. The taller growing kinds which flower in late Summer and Fall should be neatly staked by the time the flower heads appear or they will become straggly on opening and the stems are liable to break off at the ground.

# Hardy Herbaceous Perennials

## ADONIS. Bird's-Eye, or Spring Adonis

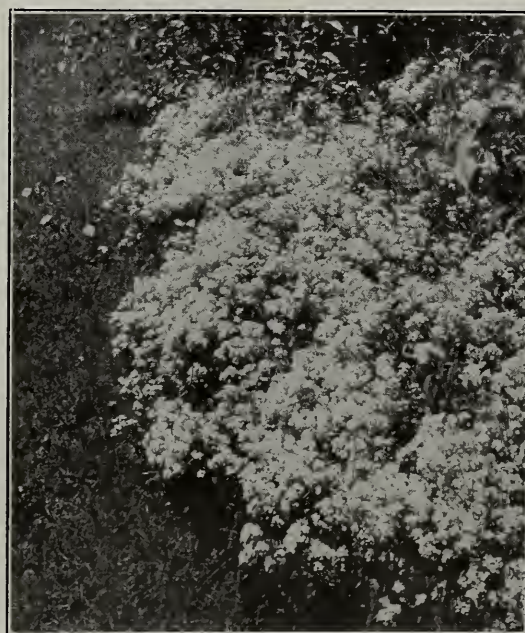
*Vernalis*. Bright yellow; one of the earliest of the Spring flowers; fine for rockwork or the border. Nine inches.  
25c. each, \$2.50 per doz.

## AEGOPODIUM. Bishop's Weed

*Podagraria variegata*. A rapid-growing perennial, with pretty green and white foliage; a good edging plant. One foot.  
15c. each, \$1.50 per doz., \$10.00 per 100.

## ALYSSUM. Madwort

*Saxatile compactum*. Yellow. An indispensable rockery or border plant, producing attractive, broad, flat heads of flowers in early Summer; fragrant. One foot.  
15c. each, \$1.50 per doz.



Alyssum

## ANEMONE. Windflower

The Japanese Anemones are prominent among the Autumn-flowering perennials. Their gorgeous flowers are unexcelled for cutting and flowering, as they do from August until frost, are of inestimable value for garden decoration.

*Japonica alba*. Immaculate, snowy-white flowers. An invaluable variety.

*Japonica rosea superba*. Delicate silvery rose; flowers of medium size, very freely produced.

*Alice*. Large; silvery-rose color.

*Queen Charlotte*. Large flowers of a La France pink shade; flowers of great substance and excellent form. Desirable for cutting.

*Rubra*. Beautiful rosy red; prominent, bright yellow stamens.

*Whirlwind*. Large, semi-double, pure white flowers. Very free flowering and desirable.

15c. each, \$1.50 per doz., \$10.00 per 100.



## AQUILEGIA

### Columbine

The Columbines are the daintiest and withal the hardiest of garden plants. Not at all fastidious as to soil, and while they are more at home in a light soil and open location, they will adapt themselves to almost any conditions.

**Californica hybrida.** A very beautiful, long-spurred form, producing an assortment of colors and shades—yellow, delicate pink, orange, red, etc.

**Cærulea** (Rocky Mountain Columbine). Bright blue, lilac tinted, and white; long-spurred flowers. Very attractive in large masses.

15c. each, \$1.50 per doz.,  
\$10.00 per 100.

## ARABIS. Rock Cress

**Alpina.** One of the finest plants for the border, rockery, or for edging; pure white, flowers completely obscuring the foliage.

15c. each, \$1.50 per doz.,  
\$10.00 per 100.

## CERASTIUM. Snow in Summer

**Tomentosum.** A very desirable subject for the rock garden border or for carpeting dry, exposed situations. Snowy white.

15c. each, \$1.50 per doz., \$10.00 per 100.



Aquilegia

## CHRYSANTHEMUM LEUCANTHEMUM

### Shasta Daisy

**Alaska.** A strong but compact-growing variety; flowers pure, glistening white, four to five inches in diameter; very free flowering.

**King Edward VII.** Enormous cup-shaped flowers, carried on strong stems. Pure, snowy white. Three to four feet.

**Ostrich Plume.** Semi-double form of Burbank's Shasta Daisy, flowering late into the Fall.

15c. each, \$1.50 per doz.,  
\$10.00 per 100.

## CAMPANULA

### Bell Flower

A hardy garden would not be complete without its groupings of these old favorites. The rugged outlines of the Cup and Saucer and Canterbury Bells when grouped, add a wealth of character to the garden. They should be considered biennial rather than perennial and planted from year to year.

**Carpatica** (Carpathian Bells).

Neat, compact, rockery or border plants; flowers white

and porcelain blue, growing erect on short, wiry stems.

**Medium** (Canterbury Bells). A select strain in the choicest mixed colors.

**Medium Calycanthema** (Cup and Saucer). Choicest mixed colors.

15c. each, \$1.50 per doz., \$10.00 per 100.



Campanula



Shasta Daisy





Convallaria

**CONVALLARIA. Lily of the Valley**

**Majalis.** Flowers pure white, bell shaped; gracefully arching racemes. It is one of the shade-loving favorites, and should be mulched each Winter with well-decayed manure to give best results.

Strong, home-grown clumps: 25c. each, \$2.50 per doz.

Single pips or crowns: 75c. per doz.

**COREOPSIS. Tickseed**

**Lanceolata grandiflora.** Rich, golden-yellow flowers, produced in great profusion during the latter part of June. Excellent for massing or cutting. Blooms more or less later in the season if the old flowers are removed from time to time and not permitted to seed. An excellent and popular hardy garden plant.

15c. each, \$1.50 per doz., \$10.00 per 100.



Coreopsis

**DELPHINIUM. Larkspur**

**Gold Medal Hybrids.** This is the finest strain of mixed hybrids obtainable. The plants are strong and vigorous, producing flowers on spikes averaging two feet or over in blue and lighter blue shades.

**Chinensis** (Blue Butterfly). Beautiful sky blue. Dwarf habit and one of the freest-flowering varieties, blooming from June until frost: Grand for massing.

**Chinense.** A very pretty, low-growing variety. Finely cut foliage and intense Gentian-blue flowers.

**Chinense Cineraria.** (New.) Rich but delicate sky blue flowers in great profusion. A grand color for massing.

**Chinense alba.** A pure white form.

**Chinense grandiflora alba.** A more vigorous and free-flowering form of the above. Pure white; very desirable.

15c. each, \$1.50 per doz., \$10.00 per 100.



Delphinium

**DIANTHUS. Hardy Pink**

**Barbatus.** (Sweet William.) An old but unsurpassed garden favorite, too well known to require description.

**Newport Pink.** A desirable shade of salmon rose; very effective for massing.

**Velvety Black.** A rich and effective color.

**Mixed.** All colors. 10c. each, \$1.00 per doz., \$8.00 per 100. Strong plants, except where otherwise noted: 15c. each, \$1.50 per doz., \$10.00 per 100.

**Plumarius, or Garden Pinks.** Grand for grouping or for edging the hardy border. Their spicy fragrance seems almost essential to the old-fashioned garden.

**Large-flowering, Mixed.** A good assortment of colors grown from a carefully selected strain.

10c. each, \$1.00 per doz., \$7.00 per 100.

**Cyclops.** An exceptionally fragrant and desirable strain, with a distinct deep eye.

15c. each, \$1.50 per doz., \$10.00 per 100.



Dianthus barbatus



Dianthus plumarius



**DIELYTRA. Bleeding Heart**

**Formosa.** A dwarf and compact variety. The finely cut foliage remains clean and ornamental through the entire season. Flowers rose pink.

**Spectabilis.** An old-fashioned favorite. Heart-shaped flowers in gracefully drooping racemes; rose-crimson color.

15c. each, \$1.50 per doz., \$10.00 per 100.

**DIGITALIS. Foxglove**

The stately, elegant spikes combined with the bold massive foliage of this old-fashioned favorite make it equally effective grouped in the garden or naturalized in semi-shaded locations of the woodland. They succeed under the most adverse conditions.

**Gloxinaeflora.** (Gloxinia-flowered.) Flowers spotted; rose, purple, lilac and white; mixed colors.

15c. each, \$1.50 per doz., \$15.00 per 100.

**FUNKIA. Plantain Lily**

Broad, heavy-leaved plants, producing massive clumps of foliage that are attractive when grouped in the border or used for edging, succeeding equally well in shade or full sun. Interesting Lily-like flowers.

**Cœrulea.** Broad, handsome, green leaves; light blue flowers.

**Robusta elegans variegata.** The most robust and attractive of the variegated-leaved kinds; large, green foliage variegated white. 25c. each.

**Subcordata grandiflora.** Handsome spikes of large, pure white, fragrant blossoms. Broad, glossy, light green leaves.

15c. each, \$1.50 per doz., \$10.00 per 100, except where otherwise noted.



Digitalis



Gaillardia

**GAILLARDIA. Blanket Flower**

**Grandiflora.** An exceptionally hardy and showy plant. The brilliant coloring of the flowers, combined with its free-flowering qualities in any location or soil, make it invaluable for massing or bordering.

**Grandiflora maxima.** Large petals, variably marked with crimson, orange, and vermilion, surrounding a dark brown center.

15c. each, \$1.50 per doz., \$10.00 per 100.

**GEUM. Avens**

**Atrosanguineum fl. pl.** A useful and attractive plant for the hardy border or rock garden. Showy, blood-red flowers, produced in graceful profusion.

**Coccineum. Mrs. W. J. Bracshaw.** (New.) Brilliant, double crimson flowers. A great improvement. 25c. each, \$2.50 per doz.

15c. each, \$1.50 per doz., except where otherwise noted.

**GYPSOPHILA. Baby's Breath**

The Gypsophilas are plants of the easiest possible culture, preferring an open, rather dry location. Flowering in masses of graceful, misty-like blossoms, they are very desirable for border plantings. The flowers when cut are excellent for making up garden bouquets. The new *Paniculata fl. pl.*, if cut and dried, will retain its beauty for several months.

**Paniculata.** Flowers in masses of minute, pure white blossoms. A fine decorative or cut flower subject.

15c. each, \$1.50 per doz.

**Paniculata fl. pl.** A beautiful, double-flowering form; pretty little rosette-like blossoms in heavy panicles.

25c. each, \$2.50 per doz.



Dielytra spectabilis



Geum atrosanguineum



**HEMEROCALLIS. Day Lily**

Beautiful, hardy, border plants belonging to the Lily family; handsome, fragrant flowers, produced in abundance. Very hardy and of the easiest culture.

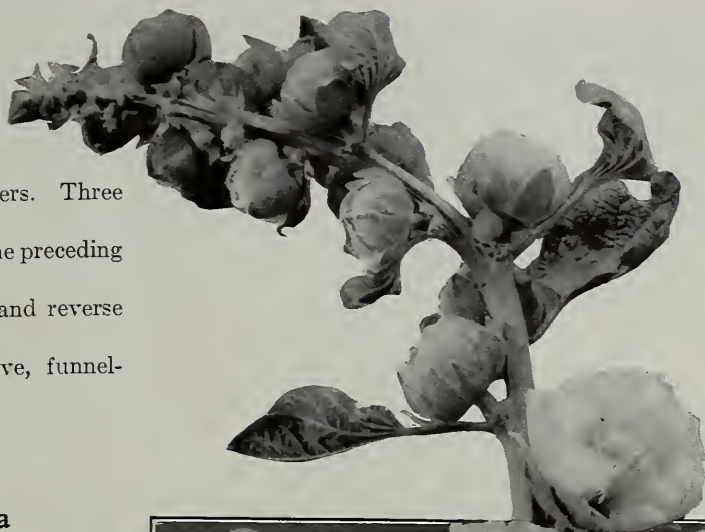
**Fulva.** Large, orange-bronze, trumpet-like flowers. Three feet.

**Fulva fl. pl.** A good, double-flowering form of the preceding variety.

**Gold Dust.** Bright Indian yellow color; buds and reverse of petals bronzy gold.

**Thunbergii.** Rich Buttercup yellow; attractive, funnel-shaped flowers. One of the latest to flower.

15c. each, \$1.50 per doz.

**HOLLYHOCK. Althea Rosea**

Like the Foxglove or Canterbury Bell, the majestic spikes of the Hollyhock are essentially a part of the old-fashioned garden. The vigorous growth and noble aspect make it a desirable plant for any location, be it in the hardy garden, mixed border, or planted in bold groups on the lawn. They require a deep, rich soil, and are particularly at home in a sunny corner. An occasional spraying of Bordeaux Mixture should be applied if rust appears on the foliage. A sprinkling of lime should be added to the soil when cultivated.

**Double Varieties,** in separate colors, as follows: White, Rose, Yellow, Red, Maroon, and in mixed colors.

**Single Flowering.** The single varieties are more vigorous, free flowering, and more artistic in petal arrangement. Mixed, all colors.

**Alleghany.** Mammoth flowers of loose petal arrangement. The colors vary from the palest shrimp pink to deep red, and appear as if made from the finest China silk. The plants are of vigorous growth and bear gigantic spikes.

20c. each, \$2.00 per doz., \$15.00 per 100.

**HYPERICUM. St. John's Wort**

**Moserianum.** A very graceful and beautiful shrubby perennial, producing rich, golden yellow flowers in the greatest profusion. Growth free and graceful; foliage attractive bright green. Should have some protection.

15c. each, \$1.50 per doz.

**IBERIS. Candytuft**

The densely clustered flower heads completely obscure the evergreen foliage in Spring; an excellent plant for bordering and massing in the garden or rockery.

**Gibraltarica.** Large, showy white flower heads, slightly tinged with lilac.

**Sempervirens.** Spreading habit of growth; flowers pure white and produced in profusion.

15c. each, \$1.50 per doz.



Hollyhock





Japanese Iris

### IRIS KAEMPFERI. Japanese Iris

These gorgeous Irises are the most delicately beautiful of all our Summer-flowering plants. They commence flowering late in June, a time when hardy flowers are most welcome. They thrive in any garden soil, but respond generously to a rich soil and plenty of water. Beds of Japanese Iris are easiest to handle if slightly countersunk. The following list comprises the most attractive varieties.

**Gekka-no-nami** (Waves Under Moonlight). Earliest to bloom, and the choicest white; very free. Glistening white, with creamy-white stigmas.

**Momi ji-no-taki** (Maple Waterfall). A choice, double, variegated variety; bright crimson purple, beautifully feathered in white. Petaloid stigmas white, purple crested.

**Purple and Gold.** Enormous double flowers, often ten inches across; early and free blooming; one of the very best varieties. Color rich violet purple, with white petaloids, tipped violet. The conspicuous golden throat extending outward in sharp bluish white rays strongly suggests a bearded wheat head.

**Gold Bound.** A fine, double, pure white, with gold-banded center.

**Hanna-no-Nishiki** (Flower Embroidery). Six to eight petals in conical arrangement, with well-developed petaloids, make this sort the most fully double in the collection. Color a distinct claret pink, with fine, white veins.

**Eclipse.** Velvety claret red, shaded violet, with prominent throat markings in pure gold. Flowers extremely large, with six wide petals, and petaloid stigmas so fully developed as to make an extra row at the center. Special.

**Mahogany.** Large, double flowers; the latest to bloom. purple mahogany red; the erect petaloids prettily crested. 25c. each, \$2.50 per doz., \$15.00 per 100.

### IRIS GERMANICA German Iris

The German Irises are not only exceedingly beautiful and decorative, but are of the easiest possible culture, thriving in any reasonably good soil. A mulch of well-rotted manure should be applied in Winter. We list only the more select varieties.

**Honorabilis.** Standards golden yellow; falls mahogany brown.

**Lord Salisbury.** Standards amber white; falls dark violet purple.

**King of Iris.** (New.) Standards clear yellow; falls very large, deep satiny brown, with a broad border of golden yellow. A very desirable novelty. 35c. each, \$3.50 per doz.

**Pallida Dalmatica.** One of the finest of the German Irises. Strong, vigorous habit, exceptionally large, fragrant flowers; standards lavender, falls lavender, tinged purple. A variety of unusual merit. 25c. each, \$2.50 per doz.

**Spectabilis.** Light and deep violet purple; free and early blooming.

15c. each, \$1.50 per doz., \$10.00 per 100, except where otherwise noted.



Iris Pallida Dalmatica



## Paeonia. Peony

This magnificent garden subject, the "Queen of Spring Flowers," is of extremely simple culture and a group or bed once planted may be considered as permanent. Pæonies are absolutely hardy and in good soil improve from year to year. They do best when planted in rich soil and an open location. In planting, the crown should be quite near the surface, not more than an inch or two of covering being required. Deep planting is usually the cause of Pæonies not flowering. We offer only the most desirable varieties.

**Achille.** Beautiful soft mauve rose, shading to white.

**Couronne d'Or.** A desirable and rare variety; one of the finest late-flowering whites. 75c. each.

**Duc de Cazes.** Guard petals tyrian rose, center rose pink.

**Edulis superba.** Violet-rose guard petals, center shaded darker. A fine early variety. 50c. each.

**Felix Crousse.** Large, ball-shaped flower, very bright red. One of the finest varieties. 75c. each.

**Festiva maxima.** Immense flowers, pure white, shading creamy white, splashed or flaked carmine. Undoubtedly the finest early-flowering Pæony. 50c. each.

**Gigantea.** Enormous flowers, six to seven inches in diameter, of an exquisite shade of clear pink. A magnificent variety. \$1.00 each.

**Humei.** Large and compact; beautiful rose pink; late flowering.

**Louis Van Houtte.** Bright crimson maroon; large flower.

**Marie Lemoine.** A late flowering, ivory white, occasionally showing carmine tracings on the petal edges. Enormous flowers are borne on heavy, erect stems, standing well above the foliage. Excellent Pæony in every respect. 75c. each.

**Queen Victoria.** Large, full, compact bloom, with broad guard petals, opening flesh white to pure white. Early.

### PRICES

25c. each, \$2.50 per doz., \$18.00 per 100, except where otherwise noted.

**PÆONIA officinalis.** This old-fashioned type is desirable on account of its early flowering, coming into bloom some two weeks before the above varieties. The flowers are large, full, very fragrant, and decidedly attractive in the garden or old-fashioned border.

**Alba.** Blush white.

**Rosea.** Soft, bright rose.

**Rubra.** Deep, dark crimson.

### PRICES

30c. each, \$3.00 per doz.



Festiva maxima

Marie Lemoine

Gigantea



**LYCHINS. Ragged Robin**

**Viscaria fl. pl.** An attractive, brilliant rose-colored plant of neat, dwarf habit. Fine for the rockery or border.

15c. each, \$1.50 per doz.

**MYOSOTIS. Forget-Me-Not**

**Palustris semperflorens.** A fine, hardy, everblooming variety, preferring a rather moist location. Blue, with yellow throat. Most effective in large groupings.

10c. each, \$1.00 per doz., \$6.00 per 100.

**PACHYSANDRA****Japanese Spurge**

**Terminalis.** An attractive, evergreen, trailing plant, thriving under seemingly impossible conditions—full sun, shade, or dry locations. The most desirable low-growing cover plant.

15c. each, \$1.50 per doz., \$10.00 per 100.

**PAPAVER NUDICAULE****Iceland Poppy**

A neat, compact Arctic plant; delicate Fern-like foliage; cup-shaped flowers, appearing throughout the season in a charming and delicate range of colors. Excellent for the border or rockery.

**Mixed Colors.** 15c. each, \$1.50 per doz., \$8.00 per 100.



*Pentstemon barbatus Torreyi*

**PAPAVER ORIENTALE**  
**Oriental Poppy**

The most gorgeous and dazzling of all our perennial plants. The enormous flowers, so rich and brilliant in coloring, are unequalled for either garden or interior decorating. They are of the easiest possible culture and do well under the most adverse conditions, but are at their best in a deep, rich soil. The plants die back after flowering and re-appear in late September, during which period they should remain undisturbed.

**Select Mixed Varieties.** 15c. each, \$1.50 per doz.

**PENTSTEMON. Beard Tongue**

Graceful and showy perennials for the border or rockery.

**Barbatus Torreyi.** Tall spikes of brilliant scarlet flowers. A charming and effective border plant.

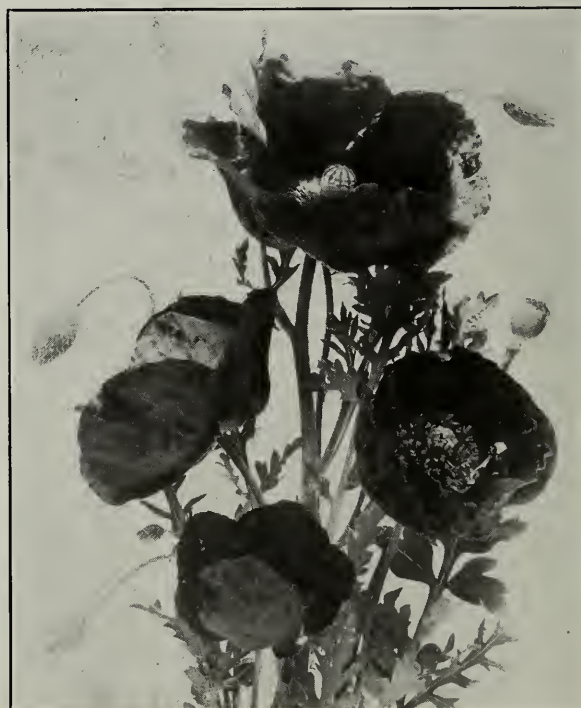
**Gloxiniodes "Sensation."** Large spikes of Gloxinia-like flowers in a charming assortment of bright colors, including rosy, cherry, crimson, purple, lilac, etc., and blooming from early Summer until frost. This strain is excellent for bedding purposes and most useful for replacing early-flowering perennials, such as Sweet William, Canterbury Bells, etc. We can supply plants during the entire season.

**Heterophyllus.** A dwarf-growing variety beautiful azure blue. One of the hardest and finest of the Pentstemons.

15c. each, \$1.50 per doz., \$10.00 per 100.



*Myosotis*



*Papaver orientale*





## Hardy Perennial Phloxes

The Phlox is undoubtedly one of the most popular and satisfactory of our present-day garden or border plants. Not many years back there were few varieties worth considering and these were grown in a limited way. Decided improvement in the size of flower, habit of growth, and the addition of practically every desirable color has placed the Phlox in a prominent position among perennials, and today they are commercially grown by the acre. While there are hundreds of varieties in commerce, we have, by a most rigid selection, eliminated every kind that is not entirely distinct and desirable, keeping only the best in their respective colors. We offer a select assortment that includes the very cream of the Phlox family.

**Bridesmaid.** Pure white, with bold crimson eye; very attractive.

**Champs Elysees.** Bright, rosy magenta; the most attractive variety in this color; fine.

**Coquelicot.** A fine, pure scarlet, with crimson eye.

**Elizabeth Campbell.** Very bright salmon pink, with lighter shadings and dark red eye. An entirely new and much desired shade.

20c. each, \$2.00 per doz.

**Frau G. Von Lassburg.** Pure white; immense panicles.

**Frau Anton Buchner.** Immense truss and large individual flower. The finest white. 20c. each, \$2.00 per doz.

**Jeanne d'Arc.** A fine, late-flowering white.

**Le Mahdi.** Deep reddish violet, with deeper eye; one of the darkest.

**Mme. Bezanson.** Deep crimson; one of the finest.

**Peach Blow.** Delicate pink; deep rose center.

**Selma.** Delicate pale rose, with distinct red eye; very pretty.

**Siebold.** Bright vermilion red, overlaid orange scarlet; crimson-red eye. An improvement on Coquelicot.

**Sir Edwin Landseer.** Very bright crimson.

**Sunset.** Dark, rosy pink.

**Vesuvius.** Pure red, with bright purple eye. A dazzling color.

15c. each, \$1.50 per doz., \$10.00 per 100, except where otherwise noted.

## PHLOX SUFFRUTICOSA

**Miss Lingard.** A distinct variety, with large, glossy foliage, and immense pure white trusses, flowering earlier than the above varieties and continuing throughout the season if the old flower heads are removed. One of the very best for massing and cutting.

20c. each, \$2.00 per doz., \$15.00 per 100.

## PHLOX SUBULATA. Moss Pink

**Rosea.** A dwarf pink variety, flowering in early Spring in great masses; fine moss-like foliage. Very desirable for covering banks, rockeries, etc.

10c. each, \$1.00 per doz., \$6.00 per 100.





Primula

**PLATYCODON. Chinese Bellflower**

Hardy and very handsome perennial. Large, bell-shaped flowers, not unlike the Campanulas.

**Mariesi.** Deep blue, bell-shaped flowers, nearly three inches across. A valuable variety of the Giant Bellflowers.

**Grandiflorum.** Handsome, large flowers; deep blue.

**Grandiflorum alba.** A white form of the above.

15c. each, \$1.50 per doz., \$10.00 per 100.

**PRIMULA. Hardy Primrose**

In the hardy Primroses we have a most charming and useful Spring-flowering subject. The Primroses are best suited to the rock garden, but are quite at home grouped in protected nooks in the hardy garden or edging shady borders. A rich soil and a light mulch during the Summer are recommended.

**Veris.** A choice strain, embracing a select range of colors.

10c. each, \$1.00 per doz., \$8.00 per 100.



Platycodon

**RANUNCULUS. Buttercup**

**Acris fl. pl.** (Bachelor's Button). A pretty, double-flowering, bright yellow variety; excellent for cutting. Two to three feet.

15c. each, \$1.50 per doz., \$10.00 per 100.

**RUDBECKIA. Cone Flower**

**Golden Glow.** A popular showy plant that will thrive under any conditions, producing attractive, golden-yellow flowers in the greatest profusion.

**Newmanni.** Dark, orange-yellow flowers, with deep purple cone, carried on rigid, wiry stems; flowers from July to October. Three feet.

**Purpurea** (Echinacea) (Giant Purple Coneflower). A strong, rigid-growing variety, bearing showy, reddish-purple flowers, with a prominent cone-shaped center of brown.

**Sub tomentosa.** Bright yellow, with a deep brown disc, carried on erect stems; growth densely pyramidal. Very free and continuous. Three feet.

15c. each, \$1.50 per doz.

**SANTOLINA. Lavender Cotton**

**Incana.** A dwarf, dense-foliaged perennial, with silvery-gray foliage. A useful rock or border plant. Should be slightly protected.

10c. each, \$1.00 per doz., \$8.00 per 100.



Rudbeckia purpurea



**SPIRAEA. Goat's Beard, or Meadow Sweet**  
*Filipendula* fl. pl. Graceful. Fern-like foliage and numerous corymbs of double white flowers.  
 15c. each, \$1.50 per doz.

**SPIRAEA. Arendsi, or Astilbe**

A new type introduced by the well known hybridist, Arends, of Germany, resulting from crossing *A. Davidii* with *A. Japonica* and others. These are robust growing varieties of branching habit, producing graceful, feathered heads of flowers.

**Ceres.** Delicate lilac rose with attractive silvery sheen.

**Juno.** Handsome deep violet-rose plumes. Strong, erect growth.

**Kriemhilde.** Salmon-pink; very beautiful.

**Rose Perle.** Dense pyramidal trusses of soft rose; early flowering.

30c. each, \$3.00 per doz.

**STOKESIA. Cornflower Aster**

This beautiful border plant is one of the very choicest of our native flowering perennials. It is perfectly hardy and closely resembles the annual China Aster. A fine subject for the garden; equally good as a cut flower.

**Cyanea.** Large flowers, four to five inches across. Bright lavender blue. Very free flowering.

**Cyanea alba.** A fine, white-flowering form of the above.

15c. each, \$1.50 per doz., \$10.00 per 100.

**THYMUS. Thyme**

**Lanuginosus** (Woolly-leaved Thyme). A desirable plant for the rockery; small, rounded, woolly, gray leaves.

15c. each, \$1.50 per doz.

**TRITOMA. Red-Hot Poker, Torch Lily**

**Pfitzeri** (Everblooming Flame Flower). The best of all the Tritomas, flowering from August until November. Showy heads of rich orange scarlet, producing a striking effect either massed or as an individual plant. Roots should be wintered in a cool cellar.

15c. each, \$1.50 per doz.



*Spiraea, or Astilbe*



*Stokesia Cyanea*

**VERONICA. Speedwell**

**Incana.** Bright, silvery foliage, with spikes of amethyst blue. A good rockery or border plant.

15c. each, \$1.50 per doz.

**Longifolia subsessilis.** The best of all the Veronicas and the most desirable blue-flowering hardy plant. The attractive spikes appear in late July, continuing for a long period, and are unexcelled for garden decoration and cutting purposes.

25c. each, \$2.50 per doz.

**VINCA. Periwinkle, or Trailing Myrtle**

**Minor.** A useful, trailing vine for ground covering underneath trees, steep banks, or rock planting. Dark blue flowers.

10c. each, \$1.00 per doz., \$8.00 per 100.

**Minor aurea.** A very attractive new golden variegated form of the preceding variety. Beautiful.

Strong plants: 25c. each, \$2.50 per doz.



*Veronica longifolia subsessilis*



# Hardy Vines and Climbing Plants

## AMPELOPSIS. Boston Ivy

**Veitchii.** This is undoubtedly the most desirable and useful vine for covering walls, stonework, wood structures, trees, etc. When once established, it grows rapidly and is extremely tenacious, clinging to the smoothest surface. During the Summer the foliage is a rich, bright green, changing toward Fall to shades of crimson and red. Absolutely hardy. Prune close to the ground when planting.

Strong plants: 25c. each, \$2.50 per doz., \$18.00 per 100.

## BIGNONIA, or TECOMA

### Trumpet Vine

**Grandiflora.** An extremely rapid growing and showy vine. Useful for covering unsightly stumps and walls where a quick cover is desired; also for training over porches, etc. Large, attractive; orange-red flowers.

25c. each, \$2.50 per doz.



Clematis Henryi

## CLEMATIS

**Paniculata** (Virgin's Bower). This handsome variety is one of the most beautiful and prominent of the climbing vines. Its rapid growth, perfect hardiness and deliciously fragrant flowers which appear in August, establish it at once as one of the most desirable climbers. It can be grown as a porch screen or in any upright position, and is equally useful for covering rockwork, walls, tree stumps, or as a ground cover.

Strong plants: 25c. each, \$2.50 per doz., \$15.00 per 100.

**Henryi.** Pure white, broad-petaled flowers; free and continuous bloomer.

**Jackmanni.** Large, deep, violet purple; broad-petaled flowers, produced in great profusion.

50c. each, \$5.00 per doz.

## HEDERA

### Hardy English Ivy

This well-known, popular evergreen vine is invaluable for covering walls, etc., and makes an excellent ground cover in shady places where grass will not grow. Very desirable for covering graves.

Strong plants: 25c. each, \$2.50 per doz., \$18.00 per 100.

## WISTARIA

### Chinese Wistaria

A strong, rapid-growing vine, with nearly evergreen foliage. The attractive pea-shaped flowers are borne in long, drooping racemes before the foliage appears and make a splendid showing. One of the finest hardy vines.

**Sinensis.** Delicate violet blue; very floriferous and fragrant.

**Sinensis alba.** A pure white form.

Strong plants: 50c. each, \$5.00 per doz.

Extra strong plants: 75c. each, \$7.50 per doz.



Clematis paniculata



Wistaria



# Select Hardy Shrubs

## ALTHAEA. Rose of Sharon

Attractive shrubs, flowering during the late months—August to November—when there are but few shrubs in bloom. Very desirable for ornamental planting.

**Banner.** Flowers white, richly marked crimson and pink, not unlike a Pelargonium.

**Jeanne d'Arc.** Double, pure white; three to four inches across, resembling the Rose blossom. Very fine.

**Rosea.** Large flowers. A beautiful shade of rose pink.

**Red.** (Double.) Large, well formed, ruby-red flowers.  
25c. each, \$2.50 per doz.

## AZALEA MOLLIS

Handsome, hardy flowering shrubs in various colors, the yellow and orange predominating, the flowers completely covering the plants. One of the most attractive early flowering subjects.

**Anthony Koster.** A pretty combination of golden yellow and orange; flowers very large and produced freely.  
\$1.00 each, \$10.00 per doz.

**J. C. Van Thol.** One of the best red-flowering kinds in this group.  
\$1.00 each, \$10.00 per doz.

**Mixed.** An assortment of the best colors in mixture.  
75c. each, \$7.50 per doz.

## AZALEA PONTICA. Ghent Azalea

A grand early Spring flowering type of brilliant coloring. Unsurpassed for massing in separate colors.

**Coccinea speciosa.** Brilliant, reddish salmon, with fiery red shadings. The best in its color.

**Daviesii.** Attractive creamy white.



Althaea

**Nancy Waterer.** A good shade of Indian yellow.

**Ignea nova.** Carmine; very fine.

**Unique.** A very fine deep yellow.

**Mixed Colors.** A splendid assortment. 75c. each, \$7.50 per doz.

\$1.00 each, \$10.00 per doz., except where otherwise noted.

## AZALEAS. Various Types

**Amœna.** A charming little evergreen kind, producing an abundance of rich, wine-colored flowers, completely enveloping the plant when in flower. Foliage always attractive. Perfectly hardy.

Large plants: \$1.00 each, \$10.00 per dozen.

Smaller size: 50c. each, \$5.00 per doz.

**Yodogawa.** A strong-growing variety, completely covered in May with semi-double flowers of a distinct and attractive lavender pink shade. Very fine.

Strong plants: \$1.25 each, \$12.00 per doz.

**Hinodegiri.** Bright double red flowers; very free. A beautiful and attractive variety.

\$1.25 each, \$12.00 per doz.



Azalea mollis



## SELECT HARDY SHRUBS—Continued

## BUDDLEIA VEITCHIANA

A great improvement over the old Buddleia, producing clusters of large, sweet-scented flowers, measuring twelve to eighteen inches in length; of an attractive violet mauve shade, with orange yellow center. Vigorous and hardy.

Strong plants: 50c. and 75c. each, \$5.00 and \$7.50 per doz.

## BUXUS SEMPERVIRENS. Boxwood

Excellent subjects for planting individually, grouping in favorite nooks and corners, or for formal effects. The bush-shaped plants are particularly at home in the old-fashioned hardy garden, where they are used mostly for hedging.

**Pyramid-shaped Boxwood.** Two and one-half to three feet. \$2.00 and \$2.50 each.

**Pyramid-shaped Boxwood.** Four to four and one-half feet. \$7.50 and \$8.00 each.

**Bush-shaped Boxwood.** Fifteen to eighteen inches. 75c. and \$1.00 each.

## CORNUS. Flowering Dogwood

**Floridus alba.** The native white flowering is one of the very best medium-sized ornamental trees. It is effectively used as a specimen tree mixed in the border with other shrubs and trees, but perhaps appears to best advantage skirting the woodland border.

Plants, 2½ to 3 feet: 75c. each.

**Floridus rubra.** A magnificent rosy red flowering variety that is still hard to obtain. Contrasts effectively with alba.

Plants, 2½ to 3 feet: 75c. each.



Cornus floridus alba



Deutzia Lemoinei

## DEUTZIA

**Lemoinei.** An excellent hardy shrub of dwarf habit. Pure white flowers, produced in large, cone-shaped heads. One of the finest dwarf shrubs; a decided improvement on gracilis.

**Pride of Rochester.** A tall-growing variety that completely obscures the plant with quantities of pure white double flowers. Very beautiful as an individual specimen and one of the most effective flowering shrubs for grouping, or massing heavily in the shrub border.

Strong plants: 25c. and 35c. each.

## FAGUS. Purple Beech

**Sylvatica purpurea Riversii.** This is the fine, deep purple-leaved variety that one occasionally meets, noting its rich color distinct from the common variety. One of our best ornamental specimen trees.

Strong plants, 3 to 4 feet high, \$1.50 each.

## FORSYTHIA. Golden Bell

One of the very first of the shrubs to flower in Spring, producing masses of deep golden blossoms in early April, a time when flowers of any kind are particularly desirable; the vivid color contrasting effectively with the flora of spring, enhancing the surroundings greatly, pending the arrival of the foliage of Summer.

This is one of the few flowering shrubs that should not be pruned during Winter. After flowering the strong growths can be cut back and pruned sufficiently hard to produce a well balanced growth for the succeeding season's flowers.

**Suspensa** (Weeping Golden Bell). A fine early flowering kind of pendulous habit, covered with yellow, drooping flowers.

**Intermedia.** A strong-growing variety of more erect growth, flowering a little later.

25c. each, \$2.50 per doz.



Forsythia





## SELECT HARDY SHRUBS—Continued

## HYDRANGEA HORTENSIS

## VARIETY OTAKSA

The variety used extensively for outdoor use. It produces immense heads of flowers that last a long time. These blooms are usually pink in color, but along our Atlantic coast take on a blue tinge, making them very attractive. This color is due to certain soil conditions. The addition of a small amount of powdered alum to the soil will produce this blue color.

Plants for Summer flowering should be wintered just above frost and allowed to start growth slowly in the Spring. We have a nice lot of large plants for Summer flowering in tubs. These we offer for late Spring and early Summer shipment.

Prices, from \$3.50 to \$5.00 each, according to size.

## HYDRANGEA

**Arborescens grandiflora alba.** This magnificent new Snowball Hydrangea is one of the finest of the hardy American shrubs. The flowers are pure white, very large, and similar to the tender Otaksa in form; produced in quantity from June until August. It is at its best in a somewhat moist location and is absolutely hardy, producing its flowers from the new wood from year to year. As an ornamental shrub it is the greatest acquisition of recent years and is of great value for cutting purposes.

Strong plants, 50c. each, \$5.00 per doz.

Extra heavy clumps, \$1.00 each, \$10.00 per doz.

**Paniculata grandiflora.** Undoubtedly the most popular shrub grown, bearing immense heads of creamy white flowers which later assume attractive rose shades, remaining in excellent condition for many weeks. One of the best shrubs for massing or planting individually.

Strong plants, 25c. each, \$2.50 per doz.

Extra strong plants, 50c. each, \$5.00 per doz.

## JAPANESE MAPLES

These dwarf Maples are exceedingly beautiful whether grouped or planted as specimens; the handsomely colored foliage contrasts nicely with Nature's surrounding colors, particularly in early Spring when the leaves commence unfurling.

**Aureum.** Golden yellow; of upright growth.

**Dissectum atropurpureum.** A beautiful cut-leaved variety, the foliage opening an attractive rose color, becoming deep blood red as the leaves expand; daintily cut foliage drooping gracefully to the ground.

Strong pot grown plants, 18 to 24 inches; \$1.25 each.



Hydrangea Paniculata Grandiflora





Berberis Thunbergii

## SELECT HARDY SHRUBS—Continued

## HEDGE PLANTS

**Berberis Thunbergii** (Japanese Barberry). Where a low, dense hedge is desired this Barberry is in a class by itself. Its spreading habit and dense growth, filling out solidly from the ground up, soon forms a symmetrical and attractive hedge. During the early Winter the plants are covered with bright red berries. Absolutely hardy anywhere. Plants should be spaced about one foot apart.

Strong plants, 18 to 24 inches high: \$2.00 per doz., \$15.00 per 100.



Lilac

## CALIFORNIA PRIVET

As a free-growing, ornamental hedge plant the California Privet cannot be equaled. The foliage is a dark, rich glossy green and remains on the plant until Midwinter. The growth is vigorous, producing rapidly a hedge of good height. The plants should be pruned back hard when first planted to build up a good bottom growth or foundation, afterward trimming them as frequently as necessary to keep in good form.

The method of planting zig-zag or alternating the plants in a double row usually results in a heavy hedge lacking in proportion; we recommend planting in a single row, one-year size, 9 inches apart, two-year size, 12 inches apart.

**One-year Size.** 18 to 24 inches: \$3.00 per 100, \$25.00 per 1000.

**Two-year size.** 24 to 36 inches: \$5.00 per 100, \$40.00 per 1000.

## LILAC. Syringa

The Lilac is one of the old garden favorites that will ever be popular. Hardiness, attractive growth, and an abundance of sweet scented panicles of bloom are qualities that have established it as an inseparable part of the hardy shrub border or doorway planting. The common Lilacs are vigorous in growth, attaining a height of eight or ten feet; newer named varieties are more dwarf in habit.

**Common Purple.** The well-known purple Lilac of grandmother's garden; one of the best. 25c. each.

**Common White.** The popular white variety; fragrant and beautiful. 25c. each.

**Charles X.** Magnificent clusters of dark reddish flowers, produced in loose trusses. Good foliage and vigorous growth.

**Frau Bertha Damman.** A fine variety of the common species, producing handsome white, single flowers in the largest panicles.

**Ludwig Spaeth.** Large clusters of splendid, dark purple red flowers. One of the darkest.

**President Grevy.** Splendid panicles of large, double, soft-blue flowers. Strong plants, 2 to 2½ feet; 50c. each, except where other-wise noted.



## SELECT HARDY SHRUBS—Continued

**MAGNOLIA. Yulan**

**Conspicua.** A rare and beautiful variety, bearing large, pure white flowers in the greatest profusion during April. Very hardy. Strong, well-budded plants, 3 to 4 feet: \$3.00 each.

**Soulangeana.** A fine hybrid variety that is entirely hardy and will in time attain a tree-like growth, producing large, cup-shaped flowers; white, flushed purple on outside of petals. Showy and beautiful. Strong, heavy plants, well budded, 2 to 3 feet: \$1.50 and \$2.00 each.

**PHILADELPHUS. Mock Orange**

**Coronarius.** This is the well known, fragrant Garland Syringa and undoubtedly one of the best shrubs we have. It grows to a height of ten to fifteen feet and is absolutely hardy; an excellent variety for massing or planting individually.

**Grandiflora.** Large flowering Mock Orange. A more robust-growing form of the preceding, with larger, conspicuous flowers. 25c. each, \$2.50 per doz.

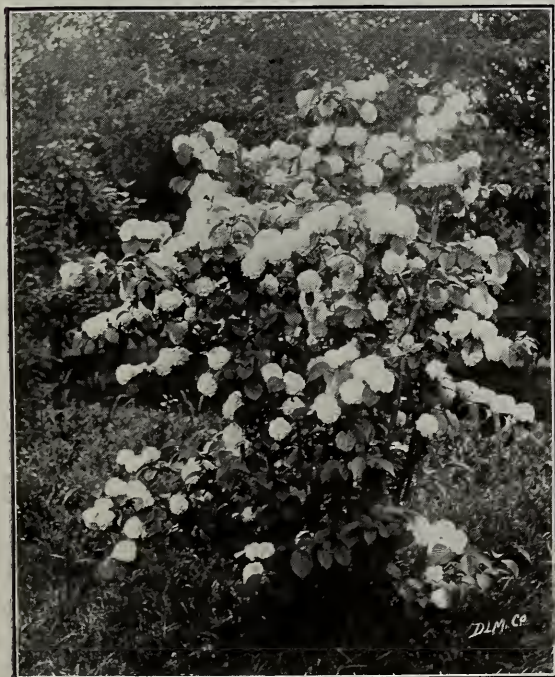
**RHODOTYPUS. White Kerria**

A fine ornamental shrub of dense, bushy habit and attractive deep green foliage. Snow white, single flowers, appearing late in Summer.

25c. each, \$2.50 per doz.

**SPIRAEA**

**Anthony Waterer.** An attractive and distinct variety of dwarf habit, flowering throughout the entire Summer. Color bright crimson.



*Viburnum plicatum*



*Spiraea Anthony Waterer*

**Callosa alba.** A dwarf and more compact white flowering variety of the preceding; free and very neat.

**Multiflora arguta.** An early flowering kind, of compact but graceful habit; its slender branches become covered with a multitude of pure white flowers in May.

**Thunbergii.** A charming variety, flowering in masses of tiny white blossoms in early Spring; growth somewhat pendulous, densely covered with fine, narrow leaves. Always attractive.

**Van Houttei.** This variety is generally regarded as the finest of the Spiraea family. It forms an erect bush, with gracefully arching branches, covered completely with white clusters of flowers in long racemes. A very hardy and attractive shrub.

Strong plants: 25c. each, \$2.50 per doz.

**VIBURNUM**

**Opulus sterilis.** A popular, tall-growing Snowball of erect growth, bearing large, globular, pure white flowers in May.

**Plicatum** (Japan Snowball). A great improvement on the common Snowball, displaying a profusion of pure white, ball-shaped flowers in May; fine, dark, healthy foliage. One of the finest ornamental shrubs grown.

Strong plants: 50c. each, \$5.00 per doz.

**WEIGELA. Diervilla**

**Candida.** The best white variety, flowering profusely in June and continuing more or less throughout the Summer.

**Eva Rathke.** An extremely showy variety, bearing large, bright ruby carmine flowers throughout the Summer and Autumn. Very distinct; the best Weigela.

**Rosea.** A fine variety of compact growth, producing a mass of rosy pink flowers in June.

Strong plants: 25c. each, \$2.50 per doz.



## Select Coniferous Evergreens

Hardy Conifers are used extensively in the ornamentation of the lawn or home grounds and whether grouped or planted individually their evergreen character and beautiful range of rich color render them attractive and desirable at all times of the year. The varieties offered below are a selection of the very choicest kinds, absolute hardiness being one of the important considerations.

**Juniperus Pfitzeranus.** A graceful new variety, with handsome, dark green foliage. A fine, rapid grower of distinct character.

Well-shaped plants: \$2.00 each.

**Juniperus communis aurea.** A neat, low-growing variety of flat, spreading habit; rich golden yellow at the tips of branches.

Plants 18 to 24 inches: 50c. each.

**Juniperis elegantissima "Lee."** An attractive new form of graceful habit and growth. One of the best of the new additions to the brightly colored types of evergreen.

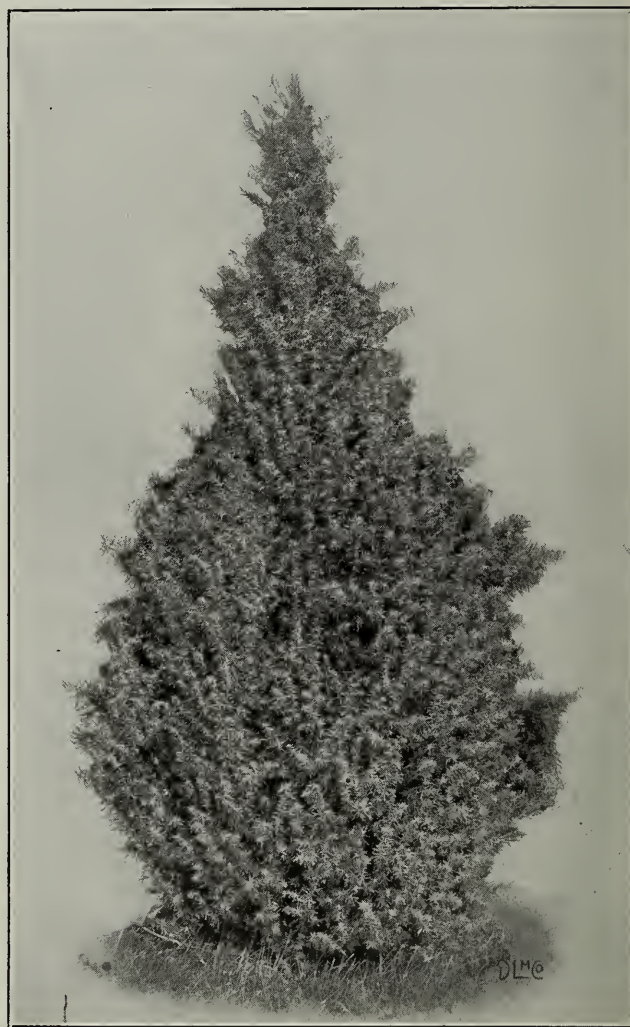
Plants 1½ to 2 feet high: \$2.00 each.

**Juniperus Hibernica** (Irish Juniper). Attractive silvery gray foliage; the well known Irish Juniper of pyramidal form.

Plants 2½ to 3 feet high: \$1.00 to \$1.50 each.



*Picea pungens glauca Kosteri*



*Juniperus Pfitzeranus*

**Picea pungens glauca Kosteri.** This greatly improved form of the majestic Colorado Blue Spruce is without doubt the most distinct and handsome of all our evergreens. The attractive silvery blue color of the foliage stands out prominently against the green foliage of surrounding shrubbery, the rugged character of the growth lending further distinction when planted so that it becomes a part of the skyline.

Plants 1 to 1¼ feet: \$1.25 each.

Plants 1¼ to 1½ feet: 1.75 each.

Plants 1½ to 2 feet: 2.50 each.



## SELECT CONIFEROUS EVERGREENS—Continued



Retinispora filifera

**Retinispora filifera.** An attractive and interesting evergreen, with somewhat drooping, threadlike branches, producing a handsome shower-like effect, developing rapidly into a well-shaped specimen plant.

Plants  $2\frac{1}{2}$  to 3 feet high: \$2.50 each.

**Retinispora obtusa gracilis.** A very beautiful dwarf-growing evergreen of refined appearance. The foliage retains its deep green color throughout the Winter and is therefore, particularly desirable for massing where low groupings are required.

Plants  $1\frac{1}{2}$  to 2 feet: \$2.00 each.

**Retinispora pisifera.** A fine pyramidal-formed evergreen of fairly rapid growth, distinct and graceful.

Plants 2 to  $2\frac{1}{2}$  feet high: \$2.00 each.

**Retinispora pisifera aurea.** A beautiful, bright golden form of the preceding. One of the most attractive golden-leaved evergreens.

Plants  $2\frac{1}{2}$  to 3 feet high: \$2.00 to \$2.50 each.

**Retinispora plumosa.** A handsome pyramidal variety of dense feathery light green foliage. Very hardy.

Plants 2 to  $2\frac{1}{2}$  feet high: \$1.50 each.

**Retinispora plumosa aurea.** A most desirable golden form of the above, of compact, shapely growth; fine as a specimen or grafted.

Plants 2 to  $2\frac{1}{2}$  feet high: \$2.00 each.

**Retinispora squarrosa Veitchii.** A charming evergreen of compact feathery growth; bluish green in color.

2 feet high: \$2.00 each.

**Taxus cuspidata brevifolia** (Japanese Yew). A rare and beautiful dwarf-growing evergreen, retaining its deep green color throughout the entire Winter. Very hardy.

Plants 12 to 18 inches: \$1.50 to \$2.00 each.

**Thuja occidentalis Wareana** (Arborvitæ). A fine pyramidal evergreen with deep green foliage. Extremely useful for forming screens, massing or planting individually.

Plants 3 feet high: \$2.00 each.

**Thuja occidentalis lutea, var. Geo. Peabody.** Bright, yellow foliage. A decidedly attractive form of occidentalis.

Plants 3 to  $3\frac{1}{2}$  feet high: \$2.00 to \$2.50 each.

**Thuja globosa** (Globe-headed Arborvitæ). A deep green variety of compact, globular form.

Plants 18 to 24 inches high: \$1.25 to \$1.50 each.



Retinispora plumosa



# Sundries

## Douglas Spray Pumps

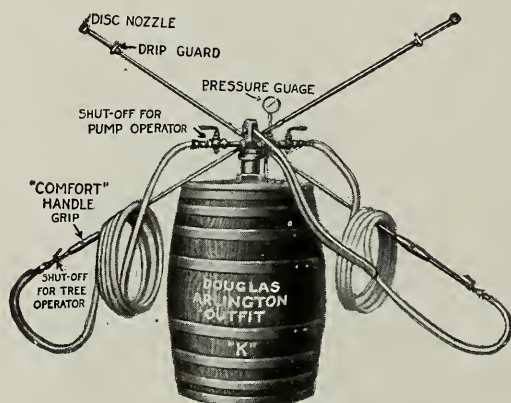
The three pumps we are offering below are the pumps that, in our opinion, are best suited for general use.

### "KANT-KLOG"

Body of heavy galvanized steel; air pump of heavy brass two inches in diameter; hose supported by coiled spring, bell-shaped at the outer end to prevent breaking. A safety valve is provided to allow the escape of excess pressure. The "Kant Klog" nozzle, furnished with this machine, makes two bell sprays of different size, volume and fineness. This Sprayer holds between four and five gallons and can be carried either by strap or air pump handle. Price, \$5.00.

### "FORESTER"

A bucket spray pump carrying three feet of hose and equipped with straight discharge tip and one rose sprinkler for garden use. Price \$6.50.



### "ARLINGTON"

An improved type of submerged barrel sprayer, having the capacity to supply four leads of hose carrying eight nozzles. Barrel holder can be adjusted at any height desired so that varying heights of barrel can be employed. The diameter of the plunger is two and one-half inches and the height of the agitator adjustable any distance from the bottom.

Price of pump with agitator as shown in the cut, one outlet, \$15.00.

Price of pump with agitator mounted on 50-gal. barrel, \$17.50.

Price of larger sizes and more equipments, furnished on application.

### MAGIC HOSE

Three-quarter inch, two-ply with couplings, \$5.00 per twenty-five foot length.

### FLORIST TWINE OR SILKALINE

Pound boxes, eight spools to the box. Per box, 75c.

## Pruning Shears

We believe the shears offered here are the neatest and best for pruning roses or for general use; the blades are nicely pointed and therefore convenient for thinning out where the growths are dense and inaccessible. Although light enough for ladies to use they will stand up to the hardest usage as well as any shears made.

**Pruning Shears, Nicked.** 5½-inch. 90c. each.

**Pruning Shears, Nicked.** 6½-inch. \$1.10 each.

**"NICO-FUME" LIQUID** is a highly refined solution of "free" nicotine, guaranteed under the National Insecticide Act to contain 40 per cent. of nicotine. **For Spraying**, one or two teaspoonsfuls to the gallon of water furnish an effective remedy against Green Aphids and Thrips; and **for vaporizing** one-half ounce per two thousand cubic feet furnishes a strong fumigation.

Price: ¼ lb. cans, 60c. each; 1 lb. cans, \$2.00 each; 4 lb. cans, \$7.00 each; 8 lb. cans, \$13.50 each.

**"NICO-FUME" PAPER** consists of sheets of paper eighteen inches long by six inches wide, and in the formula for its manufacture a high-strength solution of nicotine is used. The sheets are folded and punched, ready for use, thus requiring no additional labor for folding. Hence, "just hang each sheet from the hole punched in one end, then light lower end, blow out flame, and let sheet burn."

Price: 24 sheets in tin, \$1.00.

Price: 144 sheets in tin, \$4.50.

## APHINE

For greenhouse and garden use, against Green, Black and White Fly, Mealy Bug, Thrips, Red Spider and Soft Scales. It can be applied to tender foliage and is an excellent cleanser for decorative stock. It is a concentrated liquid, readily soluble in water and is really pleasant to use. \$2.50 per gallon

## PLANTLIFE

Destroys Mealy Bug, Brown and Green Scale, Black and Green Fly, Thrips, Red Spider, etc.

Plantlife has several advantages over liquid insecticides on the market. Containing refined tobacco dust it can be used to mix with the soil, acting as an excellent fertilizer, at the same time destroying worms and insects in the ground before they have a chance to reach the plant.

Plantlife, if used as a spray, mix five pounds with ten gallons boiling hot water, allowing it to cool before using. It will make an excellent spray of greater strength and far cheaper than any other insecticide on the market.

Plantlife contains no chemicals or poisons, is purely vegetable and positively will not injure the most delicate plant. Unlike most insecticides, it will not spot the leaves.

100-lb. sack, \$3.50; 500 lbs. at \$3.25, 1000 lbs. at \$3.00







First Prize Display of Roses at the International Flower Show, New York, April, 1913



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